

This template is to be used only by programs that have received specific written approval from the Provost's office to proceed with internal proposal development and review. The proposal template should be completed in full and submitted to the University Provost's Office [[mailto: curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu)]. It must undergo all internal university review and approval steps including those at the unit, college, and university levels. A program **may not** be implemented until the Provost's Office notifies the academic unit that the program may be offered.

MASTER'S DEGREE PROGRAM

College/School: School for the Future of Innovation in Society

Note: Program ownership is coded at the College/School level first and may not be a center, department or division apart from it.

Department/Division/School: School for the Future of Innovation in Society (CSFIS)

Proposing faculty group (if applicable): N/A

Name of proposed degree program: Master of Science (MS) in Public Interest Technology

Proposed title of major: Public Interest Technology

Master's degree type: MS - Master of Science

If Degree Type is "Other", provide degree type and proposed abbreviation: N/A

Is a program fee required? No, a program fee is not required.

Note: for more information about program fee requests, visit <https://provost.asu.edu/curriculum-development/changemaker/form-instructions#fees>

Is the unit willing and able to implement the program if the fee is denied? N/A

Requested effective term and year: Fall 2020

(The first semester and year for which students may begin applying to the program)

Delivery method and campus or location options: *select all locations that apply*
 Downtown Phoenix
 Polytechnic
 Tempe
 Thunderbird
 West
 Other: _____

 Both on-campus and ASU Online* - (check applicable campus(es) from options listed above)

 ASU Online only (all courses online and managed by ASU Online)

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

Do Not Fill in this information: Office Use Only
Plan Code:
CIP Code:

PROPOSAL CONTACT

Name: Katina Michael

Title: Professor

Phone number: (480)965-6316

Email: Katina.Michael@asu.edu

DEAN APPROVAL(S)		
This proposal has been approved by all necessary unit and college/school levels of review, and the college/school(s) has the resources to offer this degree program. I recommend implementation of the proposed degree program.		
<i>Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.</i>		
College/School/Division Dean name:	David Guston	
Signature:		Date: 12/3/19

Please note: Proposals for new degrees also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate (2 readings), and the Office of the Provost before they can be put into operation.

The final approval notification will come from the Office of the Provost.

1. PURPOSE AND NATURE OF PROGRAM

A. Provide a brief program description:

The MS in Public Interest Technology asks a fundamental question: is technology being applied for good? When studying the public interest, it is vital to see how new technologies pose new challenges and opportunities to society. Graduates will acquire the ability to work in cross-disciplinary teams and gain a fluency that permeates technology and society issues and solutions. Graduates will be able to think analytically, design new systems and processes, and gain exposure to emerging technologies that have a positive social impact. People working in this field ask communities what their needs are first, using a co-design approach to innovation with values in mind and cultural awareness. Public interest technologies are equally relevant to public, private, not-for-profit and non-government organizations who seek to embed the goals of human rights, technology assessment, social justice, sustainability and environmental justice in their workforce, products and processes. Some of the jobs available in this field include: analysts and designers, planners and solutions advisers, content strategists and advocacy coordinators, big/open data managers, communications and outreach officers, public health leaders and public policy analysts, policy managers, privacy and data engagement officers and privacy data misuse analysts, integrity trust and safety officers, regulatory, and environmental affairs managers.

The focus on “public interest technology” is a significant consequence of elements of ASU’s design aspirations (e.g., use-inspired research, intellectual fusion, transforming society), and its charter ideal, taking fundamental responsibility for the communities we serve. ASU has been selected as a charter member of the Public Interest Technology University Network (<https://www.fordfoundation.org/the-latest/news/higher-education-philanthropy-and-public-policy-sectors-unite-in-new-push-to-develop-public-interest-technology/>). The network will advertise and promote the degree program and has expressed possible interest in financially supporting students in this degree program once it is established. ASU is the only Arizona university to be so recognized. As the first stage in curriculum development to engage this effort, the MS in Public Interest Technology, as a digital immersion program, will be available to a diverse student population from around the world. This cross-disciplinary degree program will help students develop knowledge and skills that will allow them to assess emerging technologies for social impact and common good. Students should be able to complete the degree in 1.5 to 2 years, but the time may be extended based on personal and/or employment commitments.

Through the establishment of a variety of Public Interest Foundations, such as the Ford Foundation, and the newly formed Public Interest Technology University Network, it is critical that the School for the Future of Innovation in Society becomes an early provider of a transdisciplinary graduate program that serves students from the technology and society intersectional domains.

B. Will concentrations be established under this degree program? Yes No
(Please provide additional concentration information in the curricular structure section – number 7.)

2. PROGRAM NEED

Explain why the university should offer this program (include data and discussion of the target audience and market).

A three-pronged approach was used to evaluate future employment demand for graduates of a MS in Public Interest Technology. First, an Emsi Analyst report was run based on relevant career codes (52.021 - Business Administration and Management, General, and 44.0401 - Public Administration). Employment Projections were then pulled from the U.S. Department of Labor web site using the career codes for the target occupations indicated. Finally, a targeted survey was deployed to 200 public and private sector employees who make hiring decisions.

Emsi Analyst summary: Labor market demand was based on target occupations associated with the two career codes that informed the Emsi analysis: Public Relations and Fundraising Managers (11-2031), Management Analysis (13-1111), and General and Operations Managers (11-1021). There were an estimated 52,398 annual openings for jobs within these sectors in 2018, with a projected growth of 7.8% between 2018 and 2023. Current job opportunities are relatively evenly spread across the US. Top posted jobs related to Public Interest Technology, include Operational Managers, Program Managers, Strategy Managers, Business Analysts, Research Analysts, and Policy Analysts. Relevant skills related to Public Interest Technology include strategic planning, strategic management, forecasting, change management, communication, innovation, leadership, research, and problem solving.

U.S. Department of Labor summary: Labor market demand was based on the target occupations of Public Relations and Fundraising Managers (11-2031), Management Analysis (13-1111), and General and Operations Managers (11-1021). Between 2018 and 2028, the jobs market across these three categories is projected to grow from 3.33 million jobs to 3.63 million jobs (an increase of 8.7%; annual openings across all three categories are projected to be 337 thousand per year, averaged between 2018 and 2028).

Potential employer survey: Qualtrics was contracted to assess interest in graduates with core public interest technology competencies/skills amongst people with hiring authority within the public and private sector. The survey was administered to a panel of 220 participants, including 118 from industry (54%), 19 from government (9%), 23 from not-for profits (11%), and 60 from non-designated sectors. Overall, respondents rated all competencies as having above-average importance to their organizations. The unique public interest technology competencies of providing insights into emerging technology trends, applying technology ethics, and implementing strategies for responsible innovation, stood out as being especially important. Skills including working across multiple areas of expertise and working as part of an interdisciplinary team were also highlighted as being important. Each of these skills were assessed as becoming increasingly important with future hires.

Summary: The Emsi Analyst and U.S. Department of Labor analyses indicate that graduates from the MS in Public Interest Technology will be complementary with graduates from other degrees associated with public administration and business administration. The survey of recruitment decision-makers indicates an identified future need for graduates with skills in public interest technology. Overall, there is sufficient evidence of growing demand for graduates from the proposed MS in Public Interest Technology to support a program that aims to graduate 100 - 200 students per year.

3. IMPACT ON OTHER PROGRAMS

Attach any letters of collaboration or support from impacted programs (see checklist sheet). Please submit as a separate document.

W.P. Carey School of Business

Watts College of Public Service and Community Solutions
 Ira A. Fulton Schools of Engineering
 School of Sustainability
 Thunderbird School of Global Management
 The College of Liberal Arts and Sciences
 New College of Interdisciplinary Arts and Sciences
 Sandra Day O'Connor College of Law
 College of Integrative Sciences and Arts
 College of Health Solutions
 Edson College of Nursing and Health Innovation
 The Walter Cronkite School of Journalism and Mass Communication

See Appendix V for statements of collaboration/impact.

4. PROJECTED ENROLLMENT

How many new students do you anticipate enrolling in this program each year for the next five years?

Note: The Arizona Board of Regents (ABOR) requires that nine master's degrees be awarded every three years. Thus, the projected enrollment numbers must account for this ABOR requirement.

5-YEAR PROJECTED ANNUAL ENROLLMENT					
Please utilize the following tabular format	1 st Year	2 nd Year <small>(Yr. 1 continuing + new entering)</small>	3 rd Year <small>(Yr. 1 & 2 continuing + new entering)</small>	4 th Year <small>(Yrs. 1, 2, 3 continuing + new entering)</small>	5 th Year <small>(Yrs. 1, 2, 3, 4 continuing + new entering)</small>
Number of Students Majoring (Headcount)	30	60	100	125	150

5. ACCREDITATION OR LICENSING REQUIREMENTS (if applicable)

Provide the names of the external agencies for accreditation, professional licensing, etc. that guide your curriculum for this program, if any. Describe any requirements for accreditation or licensing.

N/A

6. STUDENT LEARNING OUTCOMES AND ASSESMENT

Attach a PDF copy of the assessment plan printed from the University Office of Evaluation and Educational Effectiveness assessment portal demonstrating UOEEE's approval of your assessment plan for this program. Visit the assessment portal at <https://uoeee.asu.edu/assessment-portal> or contact uoeee@asu.edu with any questions.

See Appendix II

7. CURRICULAR STRUCTURE

A. Curriculum Listing

Required Core Courses for the Degree			
Prefix and Number	Course Title	New Course?	Credit Hours
PIT 501	Principles of Public Interest Technology	Yes	3

PIT 502	Co-designing the Future	Yes	3
PIT 503	Technology Impact Assessments	Yes	3
PIT 504	Public Engagement Strategies	Yes	3
<i>Section sub-total:</i>			12
Electives <i>(as deemed necessary by supervisory committee)</i>			
Prefix and Number	Course Title	New Course?	Credit Hours
	Examples of electives that would be applicable to the master's program are provided in Appendix III.	No	15
<i>Section sub-total:</i>			15
Culminating Experience(s) <i>E.g. – Capstone course, portfolio, written comprehensive exam, applied project, thesis (must be 6 credit hours with oral defense)</i>			Credit Hours
PIT 593 Applied Project			3
<i>Section sub-total:</i>			3
Total required credit hours			30

1. List all required core courses and total credit hours for the core (required courses other than internships, thesis, capstone course, etc.).
2. Omnibus numbered courses cannot be used as core courses.
3. Permanent numbers must be requested by submitting a course proposal to Curriculum ChangeMaker for approval.

B. Will concentrations be established under this degree program? Yes No

i. If “Yes” is selected, please select the appropriate box:

8. COURSES

A. Course Prefix(es): Provide the following information for the proposed graduate program.

i. Will a new course prefix(es) be required for this degree program?

Yes No

If yes, complete the [Course Prefixes / Subjects Form](#) for each new prefix and submit it as part of this proposal submission. Form is located under the courses tab.

B. New Courses Required for Proposed Degree Program: Provide course prefix, number, title, credit hours and brief description for any new courses required for this degree program.

PIT 501 - Principles of Public Interest Technology (3 credit hours)

This course will introduce students to the fundamentals of public interest technology. Students will identify and analyze stakeholders, value chains, societal dimensions, and legal and policy issues in the context of emerging technologies such as smart cities, the internet of things, robotics and autonomous systems, and artificial intelligence. Students will learn the importance of socio-technical change, responsible innovation, public values, accountability, oversight, corporate responsibility and other key concepts when considering technologies working for the public interest. They will work on critical issues such as data ownership, consent, governance, privacy, security, accessibility, and the digital divide.

PIT 502 - Co-designing the Future (3 credit hours)

This course explores how new technologies for using, processing and managing information are changing how we interact and work. This course is a practical learning and mentoring program organized to help students design and implement solutions to public interest problems using civic technology. Students will explore current trends, use a wide variety of information and communication tools, and develop content to help develop a project from idea to implementation. The course takes advantage of the latest innovations in open and participatory problem-solving, including the application of open data, crowdsourcing, expert networks and systems. Unlike traditional accelerators we focus only on public interest projects that work with real world institutions and partners, such as non-government organizations.

PIT 503 - Technology Impact Assessments (3 credit hours)

This course trains students to conduct a technology assessment – a systematic effort to anticipate and understand the impact of a technology. It can serve as an “early warning” for policy-makers, forecasting technological change and its consequences, to facilitate the prudent procurement of technologies, to plan research and development more effectively, to create the basis for evidence-based regulatory approaches, and to achieve other purpose that serve the public interest. Students will learn about the uses of technology assessment and practice various methods. Each student will carry out an abbreviated technology assessment on a topic of their choice and communicate it to their colleagues.

PIT 504 - Public Engagement Strategies (3 credit hours)

This course teaches students the concepts, tools, institutions, and strategies to appropriately and effectively engage with a variety of stakeholders, including scientific and technical experts, policymakers and advocates for responsible research and innovation, and general publics. Students will learn how to elevate the societal discourse about emerging and contemporary issues in science and technology through inclusive, informed, equitable, sustainable and democratic engagement with the public. The course will explore real world case studies and provide students the opportunity to design and develop a public engagement strategy for stakeholders.

9. FACULTY, STAFF, AND RESOURCE REQUIREMENTS

A. Faculty

- i. **Current Faculty** – Complete the table below for all current faculty members who will teach in the program. If listing faculty from an academic unit outside of the one proposing the degree, please provide a support statement from that unit.

Name	Rank	Highest Degree	Area of Specialization/Expertise	Estimated Level of Involvement
(See attached list in Appendix IV)				

- ii. **New Faculty** - Describe the new faculty hiring needed during the next three years to sustain the program. List the anticipated hiring schedule and financial sources for supporting the addition of these faculty members.

No new resources are needed to deliver the MS in Public Interest Technology program. The School for the Future of Innovation in Society already has concrete plans to modestly reallocate some faculty teaching, and to more fully mobilize other faculty for teaching the core of the MS in Public Interest Technology program. We anticipate hiring a senior faculty in public engagement (already approved by the Provost) who will support this and other programs within the School for the Future of Innovation in Society.

- iii. **Administration of the program** - Explain how the program will be administered for the purposes of admissions, advising, course offerings, etc. Discuss the available staff support.

The School for the Future of Innovation in Society will utilize current staff to support admission, advising and class scheduling. Current graduate advising staff includes one full time advisor and one part time advisor. The full-time graduate advisor is also responsible for class scheduling. The new online program will require an

Instructional Designer to support online course development and content. The school has approved the hiring of a new Instructional Designer and as of January 21, 2020 we are interviewing candidates for the position. We anticipate this new hire to work closely with ASU Online staff and professionals. Professor Katina Michael will be the faculty director for the degree program and will oversee program curriculum and assessment.

B. Resource requirements needed to launch and sustain the program: Describe any new resources required for this program's success such as new staff, new facilities, new library resources, new technology resources, etc.

The Director for the School for the Future of Innovation in Society, David Guston, has agreed to use revenue generated from this degree program to hire new staff to support admissions, advising and class scheduling as needed. The degree program will not require new facilities, library resources or technology resources at the current time.

**APPENDIX I
OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS**

(This information is used to populate the [Graduate Programs Search](#)/catalog website.)

1. **Proposed title of major:** Public Interest Technology
2. **Marketing description** *(Optional - 50 words maximum. The marketing description should not repeat content found in the program description.)*

Do you have a passion for ensuring technology innovation benefits society? Join us in this groundbreaking new program on Public Interest Technology and become a leader in using technology for social good, whether in the public or private sector, or in non-profit organizations.

3. **Provide a brief program description** *(Catalog type (i.e. will appear in Degree Search) – no more than 150 words. Do not include any admission or curriculum information)*

The MS in public interest technology asks a fundamental question: how can technology be used for good? When studying the public interest, it is vital to understand how new technologies pose new challenges and opportunities to society. Graduates will acquire the ability to work in cross-disciplinary teams and gain a fluency that permeates technology and society issues and solutions. Graduates will be able to think analytically, design new systems and processes, and gain exposure to emerging technologies that can make a difference in how government agencies, non-government organizations, not-for-profits, and private companies emphasize social impact. People working in this space ask communities what their needs are first, using a co-design approach to innovation with cultural awareness and values in mind. Public interest technologies are relevant to all entities who seek to embed the goals of technology assessment, social justice, sustainability and environmental justice in their products and processes.

4. **Delivery/Campus Information Options:** ASU Online only

5. **Campus(es) where program will be offered:**

ASU Online curriculum consists of courses that have no face-to-face content. iCourses are online courses for students in on-campus programs. iCourses may be included in a program, but may not comprise the entirety of a program. On-campus programs must have some face-to-face content.

Note: Office of the Provost approval is needed for ASU Online delivery option.

ASU Online only (all courses online and managed by ASU Online)

All other campus or location options (please select all that apply):

Downtown Phoenix Polytechnic Tempe West Other: _____

Both on-campus and ASU Online* - (check applicable campus(es) from options listed above)

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

6. **Admission Requirements:**

Applicants must fulfill the requirements of both the Graduate College and the School for the Future of Innovation in Society.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, public administration, engineering, business or marketing or related field, from a regionally accredited

institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

1. graduate admission application and application fee
2. official transcripts
3. proof of English proficiency
4. professional resume
5. written statement
6. three letters of recommendation

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

7. Application Review Terms (if applicable session):

Indicate the first term and year in which applications will be opened for admission. Applications will be accepted on a rolling basis after that time.

Note: It is the academic unit's responsibility to display program deadline dates on their website.

Terms	Years	University Late Fee Deadline
<input checked="" type="checkbox"/> Fall (regular) <input type="checkbox"/> Session B	(year): 2020 (year):	July 1st October 1st
<input checked="" type="checkbox"/> Spring (regular) <input type="checkbox"/> Session B	(year): 2021 (year):	December 1st February 8th
<input type="checkbox"/> Summer (regular) <input type="checkbox"/> Summer B	(year): (year):	May 14th May 14th
<p><i>Note: Session B is only available for approved online programs.</i></p>		

Program admission deadlines website address: sfis.asu.edu

8. Curricular Requirements:

Curricular Structure Breakdown for the Academic Catalog:

(To be completed by the Graduate College)

30 credit hours including the required applied project course (PIT 593)

Required Core (12 credit hours)

- PIT 501 Principles of Public Interest Technology (3)
- PIT 502 Co-designing the Future (3)
- PIT 503 Technology Impact Assessments (3)
- PIT 504 Public Engagement Strategies (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)
 PIT 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for the current elective course list. The elective list may change over time as new courses become available. Students must meet any prerequisites for the courses in order to register for the class or receive permission from the MS in Public Interest Technology degree program chair and the instructor of the course.

9. Comprehensive Exams:

Master's Comprehensive Exam (when applicable), please select from the appropriate option.

N/A

10. Allow 400-level courses: **Yes** **No**

Note: No more than 6 credit hours of 400-level coursework may be included on a graduate student plan of study.

11. Committee:

Required number of thesis committee members (must be at least 3 including chair or co-chairs): N/A

Required number of non-thesis option committee members (must be a minimum of one): 1

12. Keywords: List all keywords that could be used to search for this program. Keywords should be specific to the proposed program – limit 10 keywords.

innovation, emerging technologies, environmental impact, social justice, social responsibility, technology assessment, management

13. Area(s) of Interest

A. Select one (1) primary area of interest from the list below that applies to this program.

- | | |
|--|---|
| <input type="checkbox"/> Architecture & Construction | <input type="checkbox"/> Interdisciplinary Studies |
| <input type="checkbox"/> Arts | <input type="checkbox"/> Law & Justice |
| <input type="checkbox"/> Business | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Communication & Media | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Education & Teaching | <input type="checkbox"/> STEM |
| <input checked="" type="checkbox"/> Engineering & Technology | <input type="checkbox"/> Science |
| <input type="checkbox"/> Entrepreneurship | <input type="checkbox"/> Social and Behavioral Sciences |
| <input type="checkbox"/> Health & Wellness | <input type="checkbox"/> Sustainability |
| <input type="checkbox"/> Humanities | |

B. Select one (1) secondary area of interest from the list below that applies to this program.

- | | |
|--|---|
| <input type="checkbox"/> Architecture & Construction | <input type="checkbox"/> Interdisciplinary Studies |
| <input type="checkbox"/> Arts | <input type="checkbox"/> Law & Justice |
| <input checked="" type="checkbox"/> Business | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Communications & Media | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Education & Teaching | <input type="checkbox"/> STEM |
| <input type="checkbox"/> Engineering & Technology | <input type="checkbox"/> Science |
| <input type="checkbox"/> Entrepreneurship | <input type="checkbox"/> Social and Behavioral Sciences |
| <input type="checkbox"/> Health & Wellness | <input type="checkbox"/> Sustainability |
| <input type="checkbox"/> Humanities | |

14. Contact and Support Information:

Office Location - Building Code & Room: <i>(Search ASU map)</i>	INTDSB 256
Campus Telephone Number: <i>(may not be an individual's number)</i>	(480) 727-8787
Program Email Address: <i>(may not be an individual's email)</i>	sfisgrad@asu.edu
Program Website Address: <i>(if one is not yet created, use unit website until one can be established)</i>	sfis.asu.edu
Program Director (Name):	Katina Michael
Program Director (ASURITE):	kmichae6
Program Support Staff (Name):	Andra Williams
Program Support Staff (ASURITE):	andrawms
Admissions Contact (Name):	Rachel Specht
Admissions Contact (ASURITE):	rspecht1

15. Application and iPOS Recommendations: List the Faculty and Staff who will input admission/POS recommendations to Gportal **and** indicate their approval for Admissions and/or POS:

NAME	ASURITE	ADMSN	POS
Katina Michael	kmichae6	X	X
Andra Williams	andrawms	X	X
Wendi Taylor	wmtaylor	X	X

APPENDIX II

Assessment Plan

University Office of Evaluation and Educational Effectiveness 11-26-2019
 Academic Program Assessment Plan

MS in Public Interest Technology

Status: UOEEE Provisional Approval

Comments: UOEEE approved. Much information is contained in the concepts, competencies and assessment process notes, allowing for concise language in the measures and performance criteria. Rubrics are being used to determine grades, an acceptable practice. Rubric allow faculty to identify instructional areas where students struggle most and this is in the plan to occur.

Element Outcome Measure Description

AP_2Goal	0	MS in Public Interest Technology Learning Objectives The program goals include: 1Ability to define, understand and apply fundamental principles and theoretical frameworks of Public Interest Technology to real-world cases. 2Ability to engage in the co-design methodology in public and private sector institutions and organizations toward responsible innovation by eliciting and analyzing end-user needs. 3Ability to evaluate the impact of current and proposed sociotechnical systems on existing and prospective end-users, inclusive of communities, employees, consumers and citizens and making recommendations based on those technology assessments. 4Ability to construct public engagement strategies that demonstrate transdisciplinary knowledge, bringing attention to major challenges in the context of society, the environment, civil liberties, and human rights by making use of the written, oral and online multimedia form. 5Ability to empower direct and indirect operational stakeholders by the solicitation of formal and informal feedback loops in the governance process of sociotechnical systems to address social justice, environmental justice, universal access and issues of human rights, equity and fairness. 6To predict and characterize intended and unintended consequences of emerging technologies and to influence the way in which they will be deployed to curb respective externalities.
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Element Outcome Measure Description

Outcome	1		Graduates will demonstrate an ability to define, understand and apply fundamental principles and theoretical frameworks of public interest technology to real-world cases.
Plan_2Concepts	1		Cutting-edge philosophy of practice that is transdisciplinary, with an emphasis on the interplay between technology and society for the common good; fluency related to societal needs, emerging technologies, and laws and regulations governing mis(uses) promoting social and environmental justice, civil liberties and human rights.
Plan_3Competencies	1		Graduates will be able to perform a stakeholder analysis and understand the deep value chains that exist in sociotechnical systems. Graduates will be able to confidently identify a host of emerging technologies and their corresponding social implications. Examples include: smart cities and internet of things, robotics and autonomous systems, artificial intelligence and self-service clients, driverless cars and smart homes. Graduates will have an appreciation for fundamental legal, regulatory and policy issues in the context of public interest technology.
AP_1Process	1	1	Students will be examined about fundamental principles and theoretical frameworks of public interest technology in the mid-term and final-term examinations in the PIT 501 core class. Students will also do targeted activities in PIT 501 from a variety of stakeholder lenses to gain a view of the various challenges that may be faced by a public agency, private corporation, not-for-profit or non-government organization, and the general community through role play. The curriculum will be monitored and refined based on student testing of factual knowledge, cognitive understanding, conceptual and analytical practice, with respect to emerging technologies and their application in society.
Measure	1	1	Final exam in PIT 501
PC	1	1	At least 80% of students will earn a grade of B or higher on the final exam in PIT 501.
Measure	1	2	Faculty generated evaluation rubric for the Consequences of Technology Report in PIT 501
PC	1	2	At least 75% of students will achieve an average rating of "Meets Expectations" or better across all areas of performance on the evaluation rubric for the Consequences of Technology Report in PIT 501.

Element	Outcome	Measure	Description	
	Outcome 2		Graduates will demonstrate the ability to work in a cross-disciplinary team to critically study, analyze and reflect on the success and failures of existing and prospective sociotechnical systems and make recommendations on how to overcome problems.	
	Plan_2Concepts	2	Reasons for successes or failures of a sociotechnical system composed of social, technical and environmental dimensions; consequences of emerging technologies from a variety of standpoints, including but not limited to social justice, environmental justice, fairness and equity, civil liberties/human rights perspectives; co-design methodology within an interdisciplinary team where a go/no go decision is made for a business case.	
	Plan_3Competencies	2	Students will develop project management, teamwork skills, and an ability to peer review throughout the public interest technology project lifecycle and demonstrate knowledge of the importance of accountability, transparency, and corporate responsibility when working for the public interest. Students will learn and apply relevant contextual ethical codes of conduct in technology and engineering, the human dimension, and the need to care when the social implications of technology are negative on people, animals or the environment. They will be able to identify critical issues including data ownership and consent, governance, privacy and security, accessibility and the digital divide, among others. Students need to develop empathic intelligence, recognize individual stakeholder lifeworlds, and respond accordingly through multi-stakeholder dialogue.	
	AP_1Process	2	1	Throughout the program students will have to apply their knowledge and theory into practice, evaluate a variety of sociotechnical options, and create new proofs of concept. As part of the public interest technology team project in PIT 502, students will have their work seen by real clients for whom they are working, they will learn to assess other peer projects using evaluative rubrics, and they will learn to give and receive peer feedback related to their contributions with the view of improvement. Students will create a portfolio of case materials in an online journal in PIT 503 and PIT 504, pertaining to emerging technologies, where they begin to uncover patterns and trends, create business and operational checklists, of what constitutes a successful implementation of public interest technology. In each case study, students will identify vertical sector applications, a selection of technologies used, and systems integration efforts within an ecosystem of stakeholders. Curriculum will be evaluated and refined based on the student ability to be an effective and productive team member on the public interest technology project using the co-design methodology. The student cohort will have the ability to detect negative unintended consequences of emerging technologies, and to articulate different stakeholder viewpoints, from citizen to service provider, or government. The curriculum will be monitored using assignments in the student portfolio and faculty-developed rubrics.
	Measure	2	1	Feasibility Study in PIT 502
	PC	2	1	At least 80% of students will achieve an average grade of B or higher on the Feasibility Study in PIT 502.
	Measure	2	2	Faculty generated evaluation rubric for the Technology Impact Assessment Preparation and Final Report in PIT 503
	PC	2	2	At least 75% of students will earn an average rating of "Meets Expectations" or better across all areas of performance on the rubric for the Technology Impact Assessment Preparation and Final Report in PIT 503.

Element Outcome Measure Description

Outcome	3		Graduates will be able to disseminate the results of technology impact assessments using different forms of communication - professional report writing, employing diverse public engagement strategies on and off-line.
Plan_2Concepts	3		Communication to diverse audiences about technology, risk, privacy, environmental or social impact that will bring attention to a public interest dilemma using different public engagement strategies.
Plan_3Competencies	3		Students will use factual knowledge and persuasive language as tools for successfully communicating their message to their audience based on the investigation of a current live case study. Students will have to communicate their message in the written form, in hardcopy and online using a variety of techniques. They will also have the ability to engage multi-stakeholder participants and share their learnings.
AP_1Process	3	1	In PIT 504 students will learn about multiple strategies to appropriately and persuasively convey their messages to a variety of stakeholders and diverse audiences. The Applied Project PIT 593 will be an opportunity for the student to work closely with faculty on a topic that is relevant to the future career of the student, both in practice and research. Student evaluation will be based on an Applied Project rubric where the student demonstrates the ability to make a recognizable contribution to the larger landscape. The curriculum will be monitored and refined based on student ability to successfully conduct impact assessments and communicate solutions to overcome sociotechnical quandaries.
Measure	3	1	Faculty generated rubric for the Applied Project PIT 593
PC	3	1	At least 80% of the students will achieve an average rating of "Meets Expectations" or higher across all areas of performance on the Applied Project rubric.
Measure	3	2	"Using the Web to Reach Citizens" Blogging assignment in PIT 504
PC	3	2	At least 70% of students will earn a grade of B or higher on the "Using the Web to Reach Citizens" Blogging assignment in PIT 504.

If you have questions, please e-mail assessment@asu.edu or call UOEEE at (480) 727-1731.

APPENDIX III**Sample Elective List**

(course list may change over time as new courses become available)

Students must meet any prerequisites for the courses in order to register for the class or receive permission from the MS in Public Interest Technology degree program chair and the instructor of the course.

IRA A. FULTON SCHOOLS OF ENGINEERING**The Polytechnic School**

- IFT 510 Principles of Computer and Information Technology Architecture (3)
- IFT 598 Special Topics: Developing Security Policy (3)
- IFT 598 Special Topics: Analyzing Big Data (3)
- IFT 598 Special Topics: Managing the Cloud (3)

School of Computing, Informatics, and Decision Systems Engineering

- CSE 543 Information Assurance and Security (3)
- CSE 565 Software Verification, Validation, and Testing (3)
- CSE 566 Software Project, Process, and Quality Management (3)

SCHOOL OF SUSTAINABILITY

- SOS 591 Seminar: Socio-ecological Systems and Adaptation (3)
- SOS 591 Seminar: Society and Natural Resources Management (3)
- SOS 598 Special Topics: Social Dimensions of Climate Change (3)
- SOS 598 Special Topics: Emerald Cities and the Coming Climate (3)
- SOS 598 Special Topics: Climate Science and Policy (3)
- SOS 598 Special Topics: Water Challenges and Solutions (3)
- SOS 598 Special Topics: Communicating About Sustainability (3)

SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY

- GTD 501 Global Technology and Development (3)
- GTD 503 Technology and the International Political System (3)
- GTD 504 Technology and Development in Zones of Conflict (3)
- GTD 505 Research Design in Technology and Development (3)
- GTD 506 Quantitative Analysis in Technology and Development (3)
- GTD 507 Technology and Development in the Middle East (3)
- GTD 508 Technology and Development in Latin America (3)
- GTD 509 Technology and Development in North Africa (3)
- GTD 510 Technology and Development in Sub-Saharan Africa (3)
- GTD 511 Development Policies and Practices (3)
- GTD 512 International Governance and Development of Nuclear Technologies (3)

APPENDIX IV

Faculty List

Name	Rank	Highest Degree	Area of Specialization/Expertise	Estimated Level of Involvement
Aganaba-Jeanty, Timiebi	Asst Professor	PhD	International Space Policy	Teaching, POS Committee Chair
Berbes, Marta	Asst Professor	PhD	Rural and Urban ecosystems and vulnerable populations	Teaching, POS Committee Chair
Callan, Benedict	Clinical Professor	PhD	Political and economic impact of new health technologies	Teaching, POS Committee Chair
Cavalier, Darlene	Professor of Practice	MLA	Citizen Science and public engagement	Teaching
Cook-Deegan, Robert	Professor	MD	Biomedical research and health policy	Teaching, POS Committee Chair
Crow-Miller, Brittany	Clinical Asst Professor	PhD	China and the politics of water	Teaching, POS Committee Chair
Farooque, Mahmud	Clinical Assoc Professor	PhD	Citizen assessment of science and technology	Teaching, POS Committee Chair
Fisher, Erik	Assoc Professor	PhD	Responsible Innovation	Teaching, POS Committee Chair
Frow, Emma	Asst Professor	PhD	Governance of emerging biotechnologies	Teaching, POS Committee Chair
Graffy, Elisabeth	Professor of Practice	PhD	Energy and society	Teaching, POS Committee Chair
Guston, David	Professor	PhD	Policy and emerging technologies	Teaching
Hussain, Faheem	Clinical Asst Professor	PhD	Development for displaced populations	Teaching, POS Committee Chair

Jalbert, Kirk	Asst Professor	PhD	Public engagement with environmental science and governance	Teaching, POS Committee Chair
Johnston, Erik	Professor	PhD	Governance of smart cities and regions	Teaching, POS Committee Chair
Karwat, Darshan	Asst Professor	PhD	Social justice and engineering	Teaching, POS Committee Chair
Keeler, Lauren	Asst Professor	PhD	Scenario planning to build more inclusive and sustainable futures	Teaching, POS Committee Chair
Maynard, Andrew	Professor	PhD	Emerging technologies and risk innovation	Teaching, POS Committee Chair
Michael, Katina	Professor	PhD	Emerging technologies and their social implications	Teaching, POS Committee Chair
Miller, Clark	Professor	PhD	Energy and society	Teaching, POS Committee Chair
Miller, Thad	Asst Professor	PhD	Smart cities and regions	Teaching, POS Committee Chair
Ostman, Rae	Assoc Research Professor	PhD	Informal STEM education	Teaching
Ross, Heather	Clinical Asst Professor	PhD	Healthcare practice and technology policy	Teaching, POS Committee Chair
Smith, Lindsay	Asst Professor	PhD	Technological innovations in post conflict settings	Teaching, POS Committee Chair
Strumsky, Deborah	Asst Professor	PhD	Innovation, invention and economic growth	Teaching
Tate, Luke	Professor of Practice	BA	Innovation to expand economic opportunity	Teaching, POS Committee Chair
Wetmore, Jameson	Assoc Professor	PhD	Technology and society	Teaching, POS Committee Chair

APPENDIX V**Statements of Collaboration/Impact****School for the Future of Innovation in Society – Official Submission**

From: Andra Williams <Andra.Williams@asu.edu>

Sent: Thursday, December 05, 2019 7:59 AM

To: curriculumplanning@asu.edu

Cc: David Guston <David.Guston@asu.edu>; Jameson Wetmore <Jameson.Wetmore@asu.edu>; Katina Michael <katina.michael@asu.edu>

Subject: Proposal to Establish - MS in Public Interest Technology

Good Morning!

Attached you will find our Proposal to Establish a New Master's Degree Program for the MS in Public Interest Technology with an anticipated start term of fall 2020.

Included in the attachments are:

- Proposal to Establish a New Master's Degree Program
- Signature page from our Director, Dr. David Guston
- Assessment Plan for the program with provisional approval from UOEEE
- Sample list of Electives for the program
- Proposal to Establish a Course Prefix - PIT
- List of faculty who are eligible to teach in the program

We will be emailing the proposal and drafts of the syllabi for the four core courses to outside units today for Statements of Collaboration and Impact for the proposed degree program, the four proposed core syllabi, and approval for use of electives from their unit, if applicable. As we receive the support responses for the degree program we will forward them to you. The core course support statements will be uploaded with the syllabi drafts into Curriculum Changemaker once we receive all the responses.

Please let us know if you have questions or need additional information.

Thank you for your time and effort in reviewing this proposal.

Sincerely,

Andra Williams
Program Coordinator, Sr.
Graduate Program Advisor
School for the Future of Innovation in Society
Arizona State University
480-727-9498
sfis.asu.edu

School for the Future of Innovation in Society – School Support

From: David Guston
Sent: Thursday, December 5, 2019 10:07 AM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; Michelle Walker <michelle.r.walker@asu.edu>
Subject: SFIS: Statement of Collaboration and Impact for Masters in Public Interest Technology

Jamey

I am fully supportive of the creation of the MS in Public Interest Technology.

The courses proposed as core to the degree are offered in my unit and I am pleased to have them there.

The courses identified as electives would welcome MS PIT students, as would other courses offered by SFIS.

I attach the form for Michelle to add my e-signature.

Dave

David H. Guston
Foundation Professor
Director, School for the Future of Innovation in Society
Arizona State University

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Date: Thursday, December 5, 2019 at 9:55 AM
To: David Guston <David.Guston@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear David Guston,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan. Also attached are the syllabi for the four new core courses associated with the degree program and a New Course Impact Statement form for you to complete and return indicating your support for the new core courses.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not

only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology including engineering, business, and public service. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program. We've allotted 15 credits of electives and we are hoping that you will welcome them into some of your courses to help strengthen the interdisciplinary nature of their learning.

We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email no later than December 19, 2019 with your support for:

- The proposal to create a new MS in Public Interest Technology
- The new core courses for the program
- The use of courses from your unit as part of the electives for the students in the new master's program (a sample list is included at the end of the proposal)

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

W. P. Carey School of Business

From: Amy Hillman (DEAN)
Sent: Thursday, December 5, 2019 10:30 AM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: WP CAREY: Statement of Collaboration and Impact for Masters in Public Interest Technology

Hello Jameson,

The W. P. Carey School of Business has no objections to the degree or new courses. We are in support of all.

Amy Hillman

Amy J. Hillman, PhD
Dean and
Charles J. Robel Dean's Chair
W. P. Carey School of Business
Arizona State University
amy.hillman@asu.edu
480.965.3402

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Date: Thursday, December 5, 2019 at 9:55 AM
To: Amy Hillman (DEAN) <AMY.HILLMAN@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Amy Hillman,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan. Also attached are the syllabi for the four new core courses associated with the degree program and a New Course Impact Statement form for you to complete and return indicating your support for the new core courses.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology including engineering, business, and public service. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program.

We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email no later than December 19, 2019 with your support for:

- The proposal to create a new MS in Public Interest Technology
- The new core courses for the program

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

Watts College of Public Service and Community Solutions

From: Jameson Wetmore
Sent: Tuesday, January 21, 2020 10:09 AM
To: William Terrill <wcterril@mainex1.asu.edu>
Cc: Donald Siegel <Donald.Siegel.1@asu.edu>; Jonathan Koppell <koppell@asu.edu>; David Guston <David.Guston@asu.edu>; Andra Williams <Andra.Williams@asu.edu>; Katina Michael <katina.michael@asu.edu>
Subject: RE: Masters in Public Interest Technology

Dear William,

Thank you for your message and your careful review of our proposal. I do apologize for any confusion this has caused. We at SFIS work with a number of your faculty members on a routine basis and send our graduate students to take their courses. We are certainly happy to include you and your colleagues as we continue to develop this program.

To start those conversations, I do want to explain, however, that this will not be a science and technology policy program. We already offer a master's degree in that domain and as I mentioned above we share courses and students. There will certainly be some overlap, but that won't be the main focus.

Second, one of the tricky things is that this will be an online program. In developing our program and looking over possible existing electives, we didn't see many CPP courses that fit well into a PIT master's program. The one exception is probably CPP 575 U.S. Cyber and Info Sec Policy. Would it be possible to make seats in that course available to students enrolled in a PIT masters? If you think that is an appropriate fit, we would be happy to send students that direction.

Third, we would be very excited to have PIT master's students take course with Derick Anderson, Barry Bozeman, Stuart Bretschneider, Elizabeth Corley, Mary Feeney, Chris Hayter, Donald Siegel, Eric Welch, or any other of your faculty working in the area. We didn't see any online courses that they would be offering this semester. Will they be offering courses that we would want to include as PIT electives in the future? We would be happy to include them in a plan for PIT students.

I'm also happy to discuss any of your concerns further. If you'd like to set up a meeting to chat about further possibilities please do let me know and I'll arrange to get the main people shaping the degree program together.

Sincerely,

Jamey

Jameson Wetmore
Associate Director of Programs
School for the Future of Innovation in Society
Arizona State University

From: William Terrill <wcterril@mainex1.asu.edu>
Sent: Wednesday, December 18, 2019 2:08 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>

Cc: Donald Siegel <Donald.Siegel.1@asu.edu>; Jonathan Koppell <koppell@asu.edu>

Subject: Masters in Public Interest Technology

Dear Jameson,

Watts College does not object to the proposed Masters in Public Interest Technology since it does not directly overlap with another program we offer. However, we would like to express our disappointment that we were not consulted about this, given our considerable expertise in science and technology policy and the courses that could have added additional value to such a program. The School of Public Affairs (SPA) faculty (Anderson, Bozeman, Bretschneider, Corley, Feeney, Hayter, Siegel, and Welch) have published extensively on numerous aspects of “public interest technology.” The School has also three major research centers that have conducted numerous major funded research projects and published numerous top-tier scholarly articles on this topic: (1) The Center for Organization Research and Design (CORD) <https://cord.asu.edu/>; (2) The Center for Science, Technology and Environmental Policy Studies (CSTEPS) <https://csteps.asu.edu/>; and (3) a new Center on Technology, Data and Society (TDS). SPA also has two editors of the Journal of Technology Transfer (<https://www.springer.com/journal/10961/editors>), Professors Bozeman and Siegel. Finally, SPA recently hosted an NSF conference on organizational issues in technology transfer at federal labs <https://spa.asu.edu/nsf-workshop> and the 2016 Technology Transfer Society Annual Conference <https://cord.asu.edu/content/t2s-2016>, which gathered many of the nation’s leading experts on “public interest technology.”

William Terrill, PhD

Arizona State University

Interim Associate Dean, Watts College of Public Service and Community Solutions

From: Jameson Wetmore

Sent: Thursday, December 5, 2019 10:01 AM

To: Jonathan Koppell <koppell@asu.edu>

Cc: Andra Williams <Andra.Williams@asu.edu>

Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Jonathan Koppell,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master’s degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan. Also attached are the syllabi for the four new core courses associated with the degree program and a New Course Impact Statement form for you to complete and return indicating your support for the new core courses.

The master’s degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU’s efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology including engineering, business, and public service. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program.

We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email no later than December 19, 2019 with your support for:

- The proposal to create a new MS in Public Interest Technology
- The new core courses for the program

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

Ira. A Fulton Schools of Engineering

From: Kyle Squires
Sent: Thursday, December 5, 2019 9:43 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; Annette Bowers <Annette.Bowers@asu.edu>
Subject: FULTON ENG: Statement of Collaboration and Impact for Masters in Public Interest Technology

Thanks for the note and background. No concerns with the courses or program, and happy to see this in motion.
– Kyle

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Sent: Thursday, December 5, 2019 9:57 AM
To: Kyle Squires <squires@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Kyle Squires,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan. Also attached are the syllabi for the four new core courses associated with the degree program.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology including engineering, business, and public service. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program. We've allotted 15 credits of electives and we are hoping that you will welcome them into some of your courses to help strengthen the interdisciplinary nature of their learning.

We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email no later than December 19, 2019 with your support for:

- The proposal to create a new MS in Public Interest Technology
- The new core courses for the program
- The use of courses from your unit as part of the electives for the students in the new master's program (a sample list is included at the end of the proposal)

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

School of Sustainability

From: Christopher Boone
Sent: Friday, December 6, 2019 12:54 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: SOS: Statement of Collaboration and Impact for Masters in Public Interest Technology

This note is to support the proposed MS in Public Interest Technology. It will have no negative effects on our programs in the School of Sustainability. Rather, I see this as an important complement to the degree programs we offer in our school.

Please see the accompanying document.

Christopher Boone
Dean and Professor



P.O. Box 875502 | Tempe, Arizona | 85287-5502

PH: 480-965-2236 | Main: 480-965-2975

SchoolOfSustainability.asu.edu

Executive Assistant: Lorraine.Protocollo@asu.edu

The School of Sustainability embraces ASU's mission as being a comprehensive public research university, measured not by whom it excludes, but rather by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves. We support and foster a culture of inclusiveness, tolerance, and respect that promotes equal opportunity and diversity among SOS faculty, staff, and students and through our engagement with diverse communities within and beyond the University.

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Sent: Thursday, December 5, 2019 10:02 AM
To: Christopher Boone <Christopher.G.Boone@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Chris Boone,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan. Also attached are the syllabi for the four new core courses associated with the degree program and a New Course Impact Statement form for you to complete and return indicating your support for the new core courses.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not

only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology including engineering, business, and public service. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program. We've allotted 15 credits of electives and we are hoping that you will welcome them into some of your courses to help strengthen the interdisciplinary nature of their learning.

We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email no later than December 19, 2019 with your support for:

- The proposal to create a new MS in Public Interest Technology
- The new core courses for the program
- The use of courses from your unit as part of the electives for the students in the new master's program (a sample list is included at the end of the proposal)

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

Thunderbird School of Global Management

NOTE: The School for the Future of Innovation in Society will review ASU Online o-course offerings in the future to possibly expand the electives list for the MS in Public Interest Technology.

From: David Guston
Sent: Tuesday, January 28, 2020 11:59 PM
To: Lena Booth <Lena.Booth@thunderbird.asu.edu>; Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Thanks, Lena!
Happy to include relevant courses (if online) in this version of the degree.
Dave
David H. Guston
Foundation Professor
Director, School for the Future of Innovation in Society
Arizona State University

From: Lena Booth <Lena.Booth@thunderbird.asu.edu>
Date: Tuesday, January 28, 2020 at 10:34 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>, David Guston <David.Guston@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology
Dear Jameson:

Thunderbird is pleased to support your proposed new program: MS in Public Interest Technology.

Thunderbird has a few special topics TGM 598 courses in the area of 4th Industrial Revolution. Since you are looking for interdisciplinary collaboration, your students are welcomed to take them as electives if they so choose. We look forward to collaborating!

Thank you,
Lena

Lena C. Booth, Ph.D. | Associate Dean of Academic Programs and Finance Professor | Thunderbird School of Global Management | 400 E Van Buren, Suite 800 | Phoenix, AZ 85004 | Phone: 602-496-7061 | Email: lena.booth@thunderbird.asu.edu | Website: <http://www.thunderbird.edu>

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Times Higher Education/Wall Street Journal 2019

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From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Date: Tuesday, January 21, 2020 at 10:23 AM
To: Lena Booth <Lena.Booth@thunderbird.asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>, David Guston <David.Guston@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology
Dear Lena Booth,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, and the UOEEE approved Assessment Plan.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

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We apologize for the requested short turnaround time. Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email **no later than January 31, 2020** with your support for:

- The proposal to create a new MS in Public Interest Technology

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

The College of Liberal Arts and Sciences

NOTE: The School for the Future of Innovation in Society will review ASU Online o-course offerings in the future to possibly expand the electives list for the MS in Public Interest Technology.

From: Fabio Milner
Sent: Thursday, February 13, 2020 3:45 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>; Fabio Milner <milner@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Sounds good, Jamey.

Thanks,

Fabio

From: Jameson Wetmore
Sent: Thursday, February 13, 2020 3:41 PM
To: Fabio Milner <milner@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Fabio,

Thanks for your support. We're excited to work with you on this moving forward.

Just so you know we aren't adding any electives during this phase, but once the program is launched we will definitely look closely at these two courses. I would be excited to add them to our list. We also haven't taken the step to list faculty affiliates of the program yet, but I would love to add Marisa as well. I've worked closely with her through a graduate student and think she would be great to have on board.

Thanks again for your help with this.

Sincerely,

Jamey

From: Fabio Milner
Sent: Thursday, February 13, 2020 1:34 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>; Fabio Milner <milner@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Jameson,

The College is glad to support your proposed Masters in Public Interest Technology.

For the collaborative aspect, our units would like you to consider:

1. Adding Marisa Duarte's special topics courses, JUS 598: Digital Activism, to your list of electives. The course aligns well with the goals of the proposed program and we would also hope that they would invite her to be an affiliate with the program.
2. Adding the course in Geographic Information Systems, GIS 494/598 GIS Methods for Non-Majors, as an interdisciplinary elective option for PIT students. GIS is a longstanding methodology with clear relevance for PIT and citizen-based science.

Best wishes,

Fabio

Fabio Augusto Milner, PhD

Associate Dean of Graduate Initiatives

Assistant Director

Mathematical, Computational and Modeling Sciences Center

The College of Liberal Arts and Sciences

Director of Mathematics for STEM Education

School of Mathematical and Statistical Sciences

Arizona State University



Armstrong Hall, Office 214

P: 480/965-5877 | F: 480/965-1093

milner@asu.edu

URL: <https://clas.asu.edu/content/fabio-milner>

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>

Date: Tuesday, January 21, 2020 at 10:24 AM

To: Fabio Milner <milner@asu.edu>

Cc: Andra Williams <Andra.Williams@asu.edu>, David Guston <David.Guston@asu.edu>

Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Fabio Milner,

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Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

New College of Interdisciplinary Arts and Sciences

Dr. Katina Michael had an in-person conversation on February 10, 2020 with Alex Halavais from New College of Interdisciplinary Arts and Sciences. Dr. Wetmore sent an additional email to Dr. Friedrich, Dr. Barclay and Dr. Halavais on February 19, 2020. The email sent on February 19th included this language:

Prof. Katina Michael, who has spearheaded the pedagogical side of the proposal we've been developing, has known Alex Halavais for a while and met with him on February 10th to discuss the details of our proposal and your MA in Social Technologies. I understand they had a productive conversation about ways in which the two master's degree programs could move forward productively. They found some overlaps in the programs, but were excited about the synergies that could be created. For instance, we absolutely see the benefits of many of the courses in your program and would be excited to include online versions of them in the electives for our students. We also hope to offer most of our PIT courses as "I" courses, to enable your students to take them as well. Katina and Alex agreed that if the New College was interested in putting the MA in Social Technologies online or if SFIS was considering creating a face to face version of the Public Interest Technology program, that we would all come to the table and discuss how to best move forward at that point. At this point, however, I understand that Alex was supportive of the Public Interest Technology moving forward.

From: Jameson Wetmore

Sent: Thursday, February 6, 2020 2:54 PM

To: Patricia Friedrich <Patricia.Friedrich@asu.edu>; scott.barclay@asu.edu; theprof@asu.edu

Cc: Andra Williams <Andra.Williams@asu.edu>; Stacey Kimbell <kimbell@asu.edu>; David Guston <David.Guston@asu.edu>

Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Patty and Scott,

Thank you very much for your thorough review of our proposal. We definitely know about your Social Tech programs. Our director, David Guston, has gotten to know Alex Halavais and we have invited him to join the graduate faculty of our Human and Social Dimensions of Science & Technology PhD program because we recognize his expertise and hope our doctoral students can benefit from working with him.

We are happy to continue that conversation in regards to the Public Interest Technology Masters program we are proposing. While there are some commonalities between your masters program and the one we are proposing, we don't think there is any direct overlap. We are currently working to develop PIT as an online program and as described by the provost's office and EdPlus, online programs rarely draw students away from on campus programs. It is also the case that our program aims to be comprehensive around technologies and is not focused on digital technologies.

We would be very excited to list any relevant SSBS online courses as electives, as well as explore dual degree options and other collaborations.

Thanks for your help with all of this and we look forward to continuing to work with you.

Sincerely,

Jamey

From: Patricia Friedrich <Patricia.Friedrich@asu.edu>
Sent: Wednesday, February 05, 2020 9:27 AM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; Stacey Kimbell <kimbell@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Jamey,

Thank you so much for your patience. This was a priority topic for us, and I needed to give the School of Social and Behavioral Science some time to discuss. Their conclusion was that the proposal has significant overlap with the objectives of our programs in Social Tech, especially our graduate program. While it seems that your program would only be available online, we would be drawing from very similar groups of potential students. The School suggested that you be in conversation with them for ways to collaborate that would be mutually beneficial. The contacts there are Scott Barclay, Director of the School of Social and Behavioral Sciences and Alex Halavais, who leads that area.

Thank you so much,

Patty

Patricia Friedrich, PhD
She, Her, Hers
Associate Dean of Academic Programs and Faculty Affairs,
New College of Interdisciplinary Arts and Sciences
Professor of Sociolinguistics,
School of Social and Behavioral Sciences



Arizona State University
P. O. Box 37100
4701 W. Thunderbird Rd. Mail Code 3051
Phoenix, AZ, USA 85069-7100
voice 602 543-6046

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Date: Thursday, January 30, 2020 at 8:04 PM
To: Patricia Friedrich <Patricia.Friedrich@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Thanks for keeping us up to date Patty!

Jamey

From: Patricia Friedrich <Patricia.Friedrich@asu.edu>
Sent: Thursday, January 30, 2020 5:19 PM

To: Jameson Wetmore <Jameson.Wetmore@asu.edu>

Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Thank you. I have submitted it to the Schools for their consideration. More soon, Patty

Patricia Friedrich, PhD
She, Her, Hers
Associate Dean of Academic Programs and Faculty Affairs,
New College of Interdisciplinary Arts and Sciences
Professor of Sociolinguistics,
School of Social and Behavioral Sciences



Arizona State University
P. O. Box 37100
4701 W. Thunderbird Rd. Mail Code 3051
Phoenix, AZ, USA 85069-7100
voice 602 543-6046

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>

Date: Wednesday, January 29, 2020 at 11:31 AM

To: Patricia Friedrich <Patricia.Friedrich@asu.edu>

Cc: Andra Williams <Andra.Williams@asu.edu>

Subject: FW: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Patricia Friedrich,

Just a quick follow up to see if you have any questions. Happy to chat if you need anything clarified.

Thanks for your help with this!

Best,

Jamey

From: Jameson Wetmore

Sent: Tuesday, January 21, 2020 10:25 AM

To: Patricia Friedrich <Patricia.Friedrich@asu.edu>

Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>

Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Patricia Friedrich,

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. Our last step before submission of the proposal to ASU Curriculum is to request the approval of complementary academic units at the university. Accordingly, please take a look

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- The proposal to create a new MS in Public Interest Technology

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

Sandra Day O'Connor College of Law

From: Adam Chodorow <Adam.Chodorow@asu.edu>
Sent: Tuesday, January 21, 2020 1:44 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Jim,

I do not see any conflict between the proposal and what we are doing here at the law school. Accordingly, the college of law supports the proposal.

Adam

Adam Chodorow
Associate Dean for Academic Affairs
Jack E. Brown Professor of Law
Sandra Day O'Connor College of Law, Arizona State University
Mail Code 9520, 111 E. Taylor St, Phoenix, AZ 85004
Tel: (480) 727-8574
Fax: (480) 965-2427
Email: Adam.Chodorow@asu.edu
SSRN: <http://ssrn.com/author=474399>

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Sent: Tuesday, January 21, 2020 10:25 AM
To: Adam Chodorow <Adam.Chodorow@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Adam Chodorow,

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If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

College of Integrative Sciences and Arts

From: Duane Roen (Dean)
Sent: Monday, January 27, 2020 11:30 AM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: CISA: Statement of Collaboration and Impact for Masters in Public Interest Technology

Jameson,
I apologize for the delay.
CISA is happy to support SFIS's proposal for an MS in Public Interest Technology.
Please let me know what else I can do to be supportive.
Best,

Duane
Duane Roen
Vice Provost, Polytechnic campus
Dean, College of Integrative Sciences and Arts
Arizona State University
Mail Code: 2780
7271 E Sonoran Arroyo Mall
Mesa, AZ 85212-6415
P: 480-727-1415

From: Jameson Wetmore
Sent: Tuesday, January 21, 2020 10:25 AM
To: Duane Roen (Dean) <Duane.Roen@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Duane Roen,

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If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

College of Health Solutions

NOTE: The School for the Future of Innovation in Society will review ASU Online o-course offerings in the future to possibly expand the electives list for the MS in Public Interest Technology.

From: Julie Liss
Sent: Wednesday, January 29, 2020 1:29 PM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: Re: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Prof. Wetmore:

The College of Health Solutions is happy to support the establishment of the MS in Public Information Technology in the School for the Future of Innovation in Society. As this degree is focused primarily on business and public administration uses, there is no conflict with any of our degrees. We do want to offer the further support by suggesting the use, if you deem appropriate, of some of our courses in Biomedical Informatics focused on data management and analytics as possible electives in your degree: BMI 515, Applied Biostatistics in Medicine and Informatics; BMI 601, Fundamentals of Health Informatics; BMI 603 Health Informatics Database Modeling and Applications; and BMI 608, Project Management for Interdisciplinary Teams. All are offered through ASU Online on a regular basis.

Sincerely,

Julie Liss
Associate Dean for Academic Success
College of Health Solutions

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Date: Wednesday, January 29, 2020 at 11:30 AM
To: Julie Liss <JULIE.LISS@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>
Subject: FW: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Julie Liss,

Just a quick follow up to see if you have any questions. Happy to chat if you need anything clarified.

Thanks for your help with this!

Best,

Jamey

From: Jameson Wetmore
Sent: Tuesday, January 21, 2020 10:26 AM

To: Julie Liss <JULIE.LISS@asu.edu>

Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>

Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

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Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

Edson College of Nursing and Health Innovation

From: Katherine Kenny
Sent: Thursday, January 30, 2020 8:40 AM
To: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: RE: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Jameson and David – thank you for inviting me to review your proposal for MS in Public Interest Technology. This is a well thought out degree and does not complete with any Edson College degrees. On behalf of the Edson College of Nursing and Health Innovation, you have our support to move this degree through the University Approval Process.

Best to you,
Kathy

Katherine (Kathy) Kenny, DNP, RN, ANP-BC, FAANP, FAAN
Associate Dean of Academic Affairs
Clinical Professor



550 N. 3rd Street | Phoenix, AZ 85004
(P) 602-496-1719
(F) 602-496-0545
Katherine.kenny@asu.edu
<https://nursingandhealth.asu.edu/>

From: Jameson Wetmore <Jameson.Wetmore@asu.edu>
Sent: Tuesday, January 21, 2020 10:26
To: Katherine Kenny <Katherine.Kenny@asu.edu>
Cc: Andra Williams <Andra.Williams@asu.edu>; David Guston <David.Guston@asu.edu>
Subject: REPLY REQUESTED: Statement of Collaboration and Impact for Masters in Public Interest Technology

Dear Katherine Kenny,

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- The proposal to create a new MS in Public Interest Technology

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

The Walter Cronkite School of Journalism and Mass Communication

From: Jessica Pucci <jepucci@asu.edu>
Sent: Friday, February 21, 2020 12:47 PM
To: Jameson Wetmore <jmwetmor@asu.edu>
Cc: David Guston <David.Guston@asu.edu>; Andra Williams <Andra.Williams@asu.edu>; Katina Michael <katina.michael@asu.edu>
Subject: PIT program support

Hi Jamey,

I'm writing on behalf of the Cronkite School to support SFIS' new program initiatives.

The Cronkite School supports the proposed MS in Public Interest Technology. We agree that technology innovations developed with the public in mind can answer societal needs, and that a program dedicated to such innovation is in keeping with the ASU Charter and our schools' shared missions. We do not view this program as competitive with our own graduate degrees, and we do not foresee any negative impact to the Cronkite School or its programs. If anything, this would increase opportunity for partnership with SFIS.

The Cronkite School also supports the proposed course PIT504; it does not significantly compete with our course MCO561. While MCO561 is not about "one-way communication," it *is* focused squarely on goal-based digital engagement, whereas PIT504 takes a more holistic approach to public engagement. We request that you consider MCO561 as an elective pending program approval.

The Cronkite School affirms the importance and impact of your program, and agrees that the interdisciplinary approach is rife with collaboration opportunities. Please let me know if you have any questions, and best of luck in the process!

Jessica Pucci
Assistant Dean
Ethics & Excellence Professor of Practice
Walter Cronkite School of Journalism & Mass Communication
Arizona State University
555 N. Central Ave. | Suite 306H | Phoenix, AZ | 85004
office: 602-496-5066 | jepucci@asu.edu
twitter: [@jessica_pucci](https://twitter.com/jessica_pucci)

From: Jameson Wetmore
Sent: Wednesday, February 19, 2020 10:46 AM
To: Christopher Callahan <Christopher.Callahan@asu.edu>
Cc: David Guston <David.Guston@asu.edu>; Andra Williams <Andra.Williams@asu.edu>; Katina Michael <katina.michael@asu.edu>
Subject: REPLY REQUESTED by 2/20 COB: Statement of Collaboration and Impact for Masters in Public Interest Technology
Importance: High

Dear Dean Callahan,

We apologize for the requested short turnaround time. **Please respond no later than 5:00 pm on Thursday, February 20, 2020.**

The School for the Future of Innovation in Society is requesting a Statement of Collaboration and Impact for a newly proposed master's degree program. The full proposal has been through a first review with the University Graduate Council and they have asked that we communicate with you about the proposed degree program. In particular they singled out possible overlap between your course – MCO 561 “Defining the Digital Audience” – and our proposed core course – PIT 504 Public Engagement Strategies.” Accordingly, please take a look at the attached proposal for the MS in Public Interest Technology, the request for the new prefix (PIT) required for the program, the UOEEE approved Assessment Plan, and the syllabus for PIT 504.

We have looked into the courses in question and believe that there are significant differences justifying the creation of a new PIT course for our proposed degree. MCO 561 appears to be focused on one way communications of pre-determined content through mass communication to specific audiences. The course we are proposing – PIT 504 Public Engagement Strategies is about engagement, i.e. two-way communication designed to bring together stakeholders and the public for conversations and co-development of ideas and content. We do think there would be a benefit for some of our students to focus on the specific skills conveyed in MCO 561 and would look to consider it as an elective once we have the program as a whole established.

The master's degree we are developing is in response to a recent upswell of conversations in making sure that technologies are developed with the public interest in mind. A number of corporations and NGOs have been developing new career paths focused on pushing for technological innovation that benefits the many, and not only a few. This is an area that School for the Future of Innovation in Society scholars have been working in for decades and we look forward to helping coordinate ASU's efforts in the area.

Such a project is interdisciplinary by nature and we look forward to partnering with your college and many others. It's clear that numerous fields have an impact on the direction of technology. We imagine that the students drawn to this master's program will come from all of these fields and likely will use the skills developed in our program when they become practitioners in those fields. Such students are likely to not only change their own practices, but also help to facilitate collaborations between different fields. All of our core courses will also be open to students outside the PIT program so we look forward to having students in your graduate programs join in the conversations we will be having as well. The students enrolled in the PIT master's will also be looking to strengthen their expertise through courses outside our program and we would very much appreciate any assistance in helping us (and the students) find those courses.

Please reply as Dean of your unit (or your designee at the Associate Dean level) to this email with your support for:

- The proposal to create a new MS in Public Interest Technology
- The proposed core course PIT 504

Thank you for taking the time to review our proposal to establish a new MS in Public Interest Technology.

If you have questions or would be interested in any additional materials, please feel free to email me at Jameson.Wetmore@asu.edu.

Sincerely,

Jameson Wetmore
Associate Director for Programs
Interim Deputy Director
School for the Future of Innovation in Society

ASU Online/EdPlus Support



MEMORANDUM

To: Mary Jane Parmentier
From: Carolyn Culley
Date: 1/24/2020
Subject: Public Interest Technology, MS

Dear Mary Jane,

Congratulations!

The MS in Public Interest Technology program has received support from Dean Phil Regier to be offered through ASU Online. This program must complete university governance reviews for formal approval. Please include this support memo along with your proposal submission when it is submitted formally to the university (to curriculumplanning@asu.edu) by your dean or their designee.

Please note that in order to proceed with implementation, final approval must be supplied by the university provost.

Once again, congratulations! We are excited to work with you on your new program.

Thank you!

Carolyn Culley

Associate Director, Academic Program Management
EdPlus at ASU
Arizona State University
Phone: (480) 884-0156
Carolyn.Culley@asu.edu

CC: Nalini Chhetri
Andra Williams
CurriculumPlanning@asu.edu

(NEW GRADUATE INITIATIVES)**PROPOSAL PROCEDURES CHECKLIST**

Academic units should adhere to the following procedures when requesting new curricular initiatives (degrees, concentrations or certificates).

- Obtain the required approval from the Office of the Provost to move the initiative forward for internal ASU governance reviews/approvals. Please see the academic strategic plan website at: <https://provost.asu.edu/curriculum-development>.**
- Submit any new courses that will be required for the new curricular program to the Curriculum ChangeMaker online course approval system for review and approval.**
 - Additional information can be found at the Provost's Office Curriculum Development website: [Courses link](#)
 - For questions regarding proposing new courses, send an email to: courses@asu.edu
- Prepare the applicable proposal template and operational appendix for the proposed initiative.**
- Obtain letters or memos of support or collaboration (if applicable).**
 - when resources (faculty or courses) from another academic unit will be utilized
 - when other academic units or degree programs may be impacted by the proposed request
 - if the program will have an online delivery option support will be required from the Provost's office and ASU Online. *(Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request.)*
- Obtain the internal reviews/approvals of the academic unit.**
 - internal faculty governance review committee(s)
 - academic unit head (e.g. Department Chair or School Director)
 - academic unit Dean or their designee (will submit approved proposal to the curriculumplanning@asu.edu email account for further ASU internal governance reviews (as applicable, University Graduate Council, CAPC and Senate)

Additional Recommendations

All new graduate programs require specific processes and procedures to maintain a successful degree program. Below are items that the Graduate College strongly recommends that academic units establish after the program is approved for implementation.

- Establish satisfactory academic progress policies, processes and guidelines** – Check within the proposing academic unit and/or college to see if there are existing academic progress policies and processes in place. If none have been established, please go to http://graduate.asu.edu/faculty_staff/policies and scroll down to the **academic progress review and remediation processes** (for faculty and staff) section to locate the reference tool and samples for establishing these procedures.
- Establish a Graduate Student Handbook for the new degree program** – Students need to know the specific requirements and milestones they must meet throughout their degree program. A Graduate Student Handbook, provided to students when they are admitted to the degree program and published on the website for the new degree, gives students this information. To be included in the handbook are the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the approved proposal) and a link to the Graduate Policies and Procedures website: http://graduate.asu.edu/faculty_staff/policies.