

Proposed new academic units or proposals to disestablish, re-align or reorganize existing academic units must be included on the ABOR approved Academic Plan. With prior approval from the Office of the University Provost, the "Proposal to Make Changes in an Academic Unit" may be routed through the internal ASU proposal development and review process prior to ABOR meeting on the academic plan, although final implementation requires ABOR approval. That is, there is no required order of events for ABOR and internal approvals. Normally changes are considered by the unit, the relevant college/school committee if applicable, the college dean or school director, the Office of the University Provost, the Curriculum and Academic Programs Committee (CAPC) of the University Senate, and the University Senate, first reading and second reading/vote. Final decisions are made by the University Provost.

Mail completed proposal to CurriculumPlanning@asu.edu

*Note: Depending on the scope of the change, in addition to completing this proposal, you may be asked to provide additional information related to budget, by-laws, promotion and tenure criteria, a transition plan for faculty, staff and students, etc.*

**UNIT INFORMATION**

**College/School/Institute or administrative area under which the proposed academic unit will exist:** College of Global Futures

**If within a subunit (e.g., school within a college), name the unit:** N/A

**If a reorganization:**

**name of the existing unit:** N/A

**name of the new unit:** College of Global Futures

**Will new state resources be required to make this change?** No

**Requested effective term:** Fall **and year:** 2020

**Proposal Contact**

**Name:** Frederick C. Corey **Title:** Vice Provost  
**Phone number:** 602-496-0624 **Email:** frederick.corey@asu.edu

**Administrator/Dean Approval**

This proposal has been approved by all necessary unit and college level committees and the college/school have the resources to support the proposed new organization or reorganization. My signature below signifies that I strongly endorse the establishment of the proposed new unit or the organizational change. (Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.)

**College/School/Division Dean/Administrator name:** N/A

**Signature** \_\_\_\_\_ **Date:** \_\_\_\_ / \_\_\_\_ /20

**College/School/Division Dean/Administrator name:** N/A  
*(if more than one college involved)*

**Signature** \_\_\_\_\_ **Date:** \_\_\_\_ / \_\_\_\_ /20

*Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.*

This template is to be used only by a unit that has received specific written approval from the Office of the University Provost to proceed with internal proposal development for the establishment of a new academic unit or reorganization to an existing academic unit.

*Note: Depending on the scope of the change, in addition to completing this proposal, you may be asked to provide additional information related to budget, by-laws, promotion and tenure criteria, a transition plan for faculty, staff and students, etc.*

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**I. Description of the proposed organizational unit change**

- a. Explain the nature of the change; i.e., formation of a new unit or reorganization of an existing unit.  
The College of Global Futures will house ASU's academic programs in biomimicry, complex adaptive systems, the future of innovation in society, and sustainability.
- b. Identify the existing unit(s) affected by the change and its place in the current organizational structure of the university.  
School of Sustainability, School for the Future of Innovation in Society, Complex Adaptive Systems Initiative
- c. If applicable, list any academic units to be disestablished as a result of the proposed reorganization.  
None

**II. Purpose and activities of the unit**

- a. Explain the rationale for the change.  
ASU is taking the next step in leading academia in studies of the future of our planet. The underpinning competencies that have to be researched and taught are: understanding of transformation processes, innovation for change from its unsustainable to a sustainable trajectory of planet Earth and its population; and understanding, prediction, and modification of complex systems. The college will advance these fields through the combined capacity of the School of Sustainability, the School for the Future of Innovation in Society, and the School of Complex Adaptive Systems.
- b. Identify the basic goals and objectives of the new or reorganized unit(s).  
Demonstrate leadership in academic excellence and accessibility.  
Establish national standing in academic quality and impact in global futures.  
Establish ASU as a leading global center for interdisciplinary research, discovery and development in global futures.  
Enhance ASU's local impact and social embeddedness in topics related to global futures.
- c. List all existing undergraduate and graduate academic programs, including degree programs, certificates and minors that will be housed in the proposed academic unit, whether new or reorganized.  
BA in Sustainability  
BS in Sustainability  
BS in Sustainable Food Systems  
MA in Sustainability  
MS in Sustainability  
MS in Global Sustainability Science  
EMSL in Sustainability Leadership  
MSL in Sustainability Leadership  
MSUS in Sustainability Solutions  
MAP in Sustainable Energy  
MSP in Sustainable Energy  
PhD in Sustainability  
PhD in Sustainability (Complex Adaptive Systems Science)  
PhD in Sustainable Energy  
Minor in Sustainability  
Undergraduate Certificate in Biomimicry  
Undergraduate Certificate in Energy and Sustainability  
Undergraduate Certificate in Sustainable Food Systems  
Graduate Certificate in Environmental and Sustainability Economics  
Graduate Certificate in Food Policy and Sustainability Leadership  
Graduate Certificate in Complex Adaptive Systems Science  
  
BA in Innovation in Society  
BS in Innovation in Society  
MA in Applied Ethics (Biomedical and Health Ethics)  
MA in Applied Ethics (Science, Technology and Ethics)  
MS in Global Technology and Development  
MS in Global Technology and Development (Applied International Development)

MSTP in Science and Technology Policy  
PhD in Human and Social Dimensions of Science and Technology  
PhD in Innovation in Global Development  
Minor in Innovation in Society  
Undergraduate Certificate in Innovation for Impact  
Graduate Certificate in Global Development and Innovation  
Graduate Certificate in Nonfiction Writing and Publishing  
Graduate Certificate in Responsible Innovation in Science, Engineering and Society

MS in Biomimicry  
Graduate Certificate in Biomimicry  
MS in Complex Systems Science

- d. Identify the unit(s) that will assume the responsibilities of any units that are recommended for elimination.  
N/A
- e. For instructional units, project the impact of this change on enrollment numbers over the next three years.  
Enrollments in degree programs are expected to increase by 8% per year.

**III. Resources****a. Faculty and staff**

- i. List the name, rank, highest degree; and estimate of the level of involvement of all current faculty and professional staff who will participate in the new or reorganized unit. Also indicate the position each person will hold in the new unit.  
See appendix I.
- ii. List the clerical and support staff positions that will be included in the new unit.  
See appendix II
- iii. Indicate the number of graduate assistants who will be assigned to the new unit.  
See appendix I
- iv. Project the number and type of new faculty and staff positions that will be needed by the unit during each of the next three years.  
New hires will be discussed with the provost when needed.

**b. Financing**

- i. Explain the plan for providing adequate financing for the unit. If state funds will be used, indicate whether new appropriations will be requested or if existing appropriations will be reallocated.  
The college will be funded through existing resources and internal reallocations designed to maximize efficiencies and outcomes. Additional funds will be based on enrollment growth and normal budgeting processes. No new appropriations will be requested.
- ii. Identify sources for external funding for the unit  
N/A

**c. Physical facilities and equipment**

- i. Identify the physical facilities that will be required for the new unit and indicate whether those facilities are currently available.  
Existing space in Wrigley Hall and Interdisciplinary B on the Tempe campus will be the primary locations of the college. Space will also be available in Interdisciplinary Science and Technology Building 7 once complete.
- ii. List all additional equipment that will be needed during the next five years and the estimated cost.  
None

**d. Library resources, materials, and supplies**

- i. Identify any additional library acquisitions that will be needed during the next three years and the estimated cost.  
No new acquisitions will be needed.
- ii. List any special materials or supplies, other than normal office supplies, that will be required by the new unit.  
No special materials or supplies will be needed.

**e. Other information**

- i. Identify any implications of the proposed change for regional or programmatic accreditation.  
None
- ii. Provide any relevant information, not requested above, that will assist reviewers in evaluating the proposed change.  
None

## Appendix I: Global Futures Faculty

### School of Sustainability Faculty

Last Name	First Name	Rank	Degree	Participation Percentage
Abbott	Joshua	Associate Professor	PhD	100%
Aggarwal	Rimjhim	Associate Professor	PhD	100%
Agusdinata	Buyung	Assistant Professor	PhD	100%
Anderies	John	Professor	PhD	50%
Basile	George	Professor of Practice (FSC)	PhD	100%
Batten	Katharine	Professor of Practice (FSC)	PhD	25%
Beeks	Jay	Instructor	PhD	100%
Behravesh	Shirley-Ann	Lecturer	PhD	100%
Boone	Christopher	Dean & Professor	PhD	100%
Breetz	Hanna	Assistant Professor	PhD	100%
Broomall	Dorothy	Instructor	MA	100%
Brumand	Jaleila	Instructor	MS	60%
Brundiers	Katja	Clinical Assistant Professor	PhD	100%
Byck	Peter	Professor of Practice (FSC)	BFA	50%
Carr Kelman	Candice	Clinical Assistant Professor	PhD	100%
Cease	Arianne	Assistant Professor	PhD	100%
Chhetri	Nalini	Clinical Associate Professor (FSC)	PhD	25%
Childers	Daniel	Professor	PhD	100%
Clark	Susan	Instructor	PhD	40%
Cloutier	Scott	Assistant Professor	PhD	100%
Cornell	Ryan	Instructor	MA	100%
Darnall	Nicole	Associate Dean & Professor	PhD	100%
Dehgan	Alex	Professor of Practice (FSC)	PhD	25%
DesRoches	Tyler	Assistant Professor	PhD	75%
Dirks	Gary	Senior Director	PhD	100%
Eakin	Hallie	Professor	PhD	100%
Ermanoski	Ivan	Research Professor (FSC)	PhD	100%
Estrada	Lisa	Instructor (FSC)	MBA	50%
Feary	David	Clinical Professor (FSC)	PhD	50%
Fischer	Daniel	Assistant Professor	PhD	100%
Gibbons	Leah	Instructor	PhD	100%
Hagen	Bjoern	Lecturer	PhD	100%
Hanemann	William Michael	Professor	PhD	50%
Hilton Spiegel	Karina	Instructor	MBA	100%
Holleran	Emily	Instructor	MA	100%
Janssen	Marcus	Professor	PhD	100%

## Appendix I: Global Futures Faculty

Jung	John	Instructor	MS	60%
Kelman	Jonathan	Instructor	PhD	100%
Ketri	Monika	Instructor	MS	100%
Klinsky	Sonja	Associate Professor	PhD	100%
Koster	Auriane	Instructor	PhD	100%
Kroetz	Kailin	Assistant Professor	PhD	100%
Larson	Kelli	Professor	PhD	50%
Leonard	Bryan	Assistant Professor	PhD	100%
Liao	Chuan	Assistant Professor	PhD	100%
Linde	Alec	Instructor	MS	100%
Lobo	Jose	Clinical Associate Professor (FSC)	PhD	100%
Manuel-Navarrete	David	Associate Professor	PhD	100%
Mayes	Elizabeth	Instructor	MS	100%
Melnick	Robert	Presidential Professor of Practice and Research Scientist	PhD	100%
Merrigan	Kathleen	Executive Director + Professor of Practice FSC	PhD	100%
Morrison	Jessica	Instructor	EMSL	100%
Onat	Nuri	Instructor	PhD	80%
Parker	Nathan	Assistant Professor	PhD	100%
Pavlic	Theodore	Assistant Professor	PhD	50%
Perry	Katherine Alycia	Instructor (FSC)	BA	50%
Pfirman	Stephanie	Professor	PhD	100%
Redman	Charles	Professor (FSC)	PhD	80%
Robinson	Christopher	Instructor	MS	100%
Sala	Osvaldo	Regents Professor	PhD	50%
Sarda	Bruno	Professor of Practice (FSC)	MA	62%
Schlosser	Peter	VP/Vice Provost & Professor	PhD	100%
Schoon	Michael	Associate Professor	PhD	100%
Selin	Cynthia	Associate Professor	PhD	25%
Shrestha	Milan	Lecturer Sr	PhD	100%
Sir Andrew Bate	Jonathan Andrew	Professor	PhD	50%
Stewart	Michelle	Instructor	MS	80%
Strumsky	Deborah	Assistant Professor	PhD	50%
Turner	Billie	Regents Professor	PhD	20%
Van Der Leeuw	Sander	Professor	PhD	50%
Vanos	Jennifer	Assistant Professor	PhD	100%
Wagner	Svenja	Instructor	MS	60%
Wiek	Arnim	Professor	PhD	100%

## Appendix I: Global Futures Faculty

Wu	Jianguo	Professor	PhD	50%
Kittinger	John	Research Professor (FSC)	PhD	20%

### School for the Future of Innovation in Society Faculty

Last Name	First Name	Title	Degree	Participation Percentage
Guston	David	School Director and Professor	PhD	100%
Aganaba-Jeanty	Timiebi	Assistant Professor	PhD	100%
Agloro	Alexandrina	Assistant Professor	PhD	100%
Arici Barab	Anna	Assistant Research Professor, FSC	PhD	50%
Ayton-Shenker	Diana	Professor of Practice, FSC	MA	60%
Babendure	Jeremy	Associate Research Professor	PhD	50%
Barab	Sasha	Professor	PhD	80%
Bennett	Ira	Clinical Associate Professor, MY and Associate Director for Research	PhD	100%
Bennett	Michael	Associate Research Professor, MY	PhD	100%
Berbes	Marta	Assistant Professor	PhD	100%
Bernstein	Michael	Assistant Research Professor	PhD	100%
Bowman	Diana	Professor	PhD	10%
Calhoun	Craig	Professor	PhD	10%
Callan	Benedicte	Clinical Professor, MY	PhD	50%
Cavalier	Darlene	Professor of Practice	MA	50%
Chhetri	Nalini	Clinical Associate Professor (FSC), and Associate Director for International Initiatives	PhD	75%
Chhetri	Netra	Associate Professor	PhD	100%
Cook-Deegan	Robert	Professor	MD	100%
Crow-Miller	Brittany	Clinical Assistant Professor	PhD	100%
Dabars	William	Associate Research Professor	PhD	10%
Farooque	Mahmud	Clinical Associate Professor, and Associate Director for DC Operations	PhD	100%
Feagan	Mathieu	Lecturer	PhD	100%
Finn	Edward	Center Director (CSI) and Associate Professor	PhD	50%
Fisher	Erik	Associate Professor	PhD	100%



## Appendix I: Global Futures Faculty

Frow	Emma	Assistant Professor	PhD	50%
Graffy	Elisabeth	Professor of Practice, FSC	PhD	100%
Grossman	Gary	Associate Professor	PhD	100%
Gutkind	Lee	Professor	BA	100%
Hosman	Laura	Associate Professor	PhD	50%
Hussain	Faheem	Clinical Assistant Professor	PhD	100%
Jalbert	Kirk	Assistant Professor	PhD	50%
Jenkins	Lekelia	Associate Professor	PhD	100%
Johnson	Brian	Professor of Practice	BA	50%
Johnston	Erik	Professor	PhD	100%
Karwat	Darshan	Assistant Professor	PhD	50%
Keeler	Lauren	Assistant Professor	PhD	100%
Martin	Paul	Research Professional, FSC	HS	100%
Mayes	Kristin	Professor of Practice, FSC	JD	100%
Maynard	Andrew	Professor and Associate Director for Faculty	PhD	100%
Michael	Katina	Professor	PhD	50%
Miller	Clark	Professor	PhD	100%
Miller	Thaddeus	Associate Professor	PhD	50%
Ostman	Rae	Associate Research Professor	PhD	100%
Parmentier	Mary Jane	Clinical Associate Professor and Associate Director for Students	PhD	100%
Richter	Jennifer	Assistant Professor	PhD	50%
Ross	Heather	Clinical Assistant Professor	PhD	73%
Sarewitz	Daniel	Center Director (CSPO) and Professor	PhD	100%
Selin	Cynthia	Associate Professor	PhD	75%
Senko	Jesse	Assistant Research Professor	PhD	100%
Smith	Lindsay	Assistant Professor	PhD	100%
Spackman	Christy	Assistant Professor	PhD	50%
Strumsky	Deborah	Assistant Professor	PhD	50%
Tate	Luke	Professor of Practice	BA	10%
Vogel	Kathleen	Professor and Deputy Director	PhD	100%
Wetmore	Jameson	Associate Professor and Associate Director for Academic Programs	PhD	100%

## Appendix I: Global Futures Faculty

### School of Complex Adaptive Systems Faculty

Last Name	First Name	Rank	Degree	Participation Percentage
Laubichler	Manfred	President's Professor, Interim Director SCAS, Director GBCI	Ph.D.	75%
Poste	George	Regent's Professor	Ph.D.	10%
Barton	Michael	Professor, Associate Director Grad Programs	Ph.D.	50%
Janssen	Marco	Professor, Associate Director, Research and Facilities	Ph.D.	50%
Anderies	John	Professor	Ph.D.	50%
Forrest	Stephanie	Professor	Ph.D.	25%
Walker	Sara	Associate Professor	Ph.D.	25%
Jordan	Michelle	Associate Professor, Associate Director UG Programs	Ph.D.	25%
Buetow	Ken	Professor	Ph.D.	25%
Pavilic	Ted	Assistant Professor	Ph.D.	50%
Sha	Xin-Wei	Professor	Ph.D.	25%
Barker	Anna	Professor of Practice	Ph.D.	5%
West	Geoffrey	Professor, Associate Director SFI	Ph.D.	25%
Galesic	Mirta	Professor	Ph.D.	25%
Kempes	Chris	Professor	Ph.D.	25%
Wolpert	David	Professor	Ph.D.	25%
Boriello	Enrico	Assistant Research Professor	Ph.D.	100%
Daniels	Bryan	Assistant Research Professor	Ph.D.	100%
Applegate	Joffa	Assistant Research Professor	Ph.D.	100%
Simeone	Michael	Assistant Research Professor	Ph.D.	100%
Bergin	Sean	Assistant Research Professor	Ph.D.	100%

### iii. Number of Graduate Assistants

<b>SCHOOL OF SUSTAINABILITY</b>	
<b>47</b>	currently active
<b>SCHOOL FOR THE FUTURE OF INNOVATION IN SOCIETY</b>	
<b>44</b>	currently active

## Appendix II: Global Futures Staff

### College of Global Futures Staff:

Title
Human Resources Specialist Senior
Human Resources Specialist
Senior Financial Accounting Manager
Fiscal Specialist
Fiscal Specialist
Fiscal Specialist
Senior Coordinator (incl. travel)
Grant Administration Specialist
Grant Administration Specialist
Accounting Assistant Senior
Facilities Specialist
Program Manager
Events Coordinator
Graphics Designer Principal
Communications Specialist
Graphic Designer
Systems Support Specialist
Program Manager Web Services
Website Technician
Web Application Developer
Web Application Developer
Tech & Comm Specialist
Information Manager (0.5 FTE)
Research Data Management Officer

### School of Sustainability Staff:

Title
Office Specialist
Instructional Professional (FSC)
Curriculum Support Manager
Postdoctoral Research Scholar
Program Manager
Instructional Designer
Event and Alumni Relations Coordinator, Sr
Graduate Student Support Coordinator
Associate Director, Research Operations
Postdoctoral Research Scholar

## Appendix II: Global Futures Staff

Assistant Director, Graduate Academic Services
Career Management Associate
Student Engagement Coordinator Sr.
Assistant Director, Online Programs
Coordinator Senior
Associate Instructional Professional (FSC)
Assistant Director, Recruitment and Outreach
Academic Success Advisor
Executive Director, Professional Training and Custom Sustainability Education
Instructional Designer
Instructional Designer
Senior Research Analyst
Research Specialist
Program Coordinator
Program Manager
Instructional Professional (FSC)
Administrative Specialist
Program Coordinator Sr.
Director, Academic Services
Academic Success Advisor
Graduate Student Support Coordinator
Program Manager
Executive Assistant to Dean
Assistant Director, Internships & Experiential Education
Instructional Professional (FSC)
Assistant Director, Undergraduate Academic Services
Assistant to VP and Vice Provost
Postdoctoral Research Scholar

### School for the Future of Innovation in Society Staff

Title
Assistant to the Director
Graduate Academic Success Advisor (65% FTE)
Undergraduate Academic Success Advisor
Graduate Academic Success Advisor, Sr
Instructional Designer (50% FTE)
Administrative Assistant
Management Intern (48% FTE)

## Appendix II: Global Futures Staff

Administrative Assistant
Business Operations Manager
Events Designer (Program Manager)
Web Content Editor
Communications Specialist
Sr Manager of Marketing and Communication Strategy
Events Coordinator Assistant
Assistant Director for Programs
Research Program Coordinator
Research Capture Manager
Community Engagement and Development Coordinator
Student and Alumni Engagement Coordinator
Management Intern (funded on Sulston Project grant)
Program Specialist, CSPO
Managing Editor, <i>Issues in Science and Technology</i>
Program Assistant
Project Coordinator, Informal Science Education (grant funded)
Program Coordinator, Informal Science Education (grant funded)
Administrative Assistant (grant funded)
Program Coordinator, Sr, Center for Science and the Imagination
Program Manager, Center for Science and the Imagination
Graphic Design Specialist, Center for Science and the Imagination
Program Coordinator, Center for Science and the Imagination
SolarSPELL Library Information Specialist Lead (SIF funded)
Project Manager, SolarSPELL (grant funded)
Program Coordinator, SolarSPELL (SIF funded)
Project Manager, SolarSPELL (grant funded)
Program Manager, Risk Innovation Accelerator (grant funded)
Instructional Designer Associate, Center for Games and Impact (grant funded)
Game Graphic Artist, Center for Games and Impact (grant funded)
Coordinator, Energy Policy Innovation Council (TRIF and grant funded)
Administrative Assistant, ASU-Leonardo Initiative (SIF funded)

## Appendix II: Global Futures Staff

### School of Complex Adaptive Systems Staff

<b>Title</b>
International Coordinator, Sr
Executive Assistant
Office Specialist, Sr
Business Operations Specialist, Sr
Administrative Specialist
Project Manager, Research
Web site Technician
Assistant
Manager, Administrative Support Operations
Executive Assistant