ESF Board of Trustees Meeting

September 22, 2022
Major Topics to Share

• Faculty and Student Awards and Recognitions
• New Faculty and the Ongoing Cluster Hiring
• New Teaching and Research Support Initiatives to Onboard Early-Career Faculty
• Institutional Data of Interest: Demographics and Graduation Rates
• Opportunities for Enrollment Growth: Arrival of the Hybrid Era and Dual-Enrollment Between ESF and OCC
• Collegewide Strategic Planning, Branding and Timelines
Faculty Awards and Recognitions

Dr. Douglas Johnston
*Landscape Architecture*
SUNY Distinguished Service Professor

Tyler Dorholt (MFA)
*Div. Interdisciplinary Programs*
Promoted to Tenure-Track Assistant Professor

Dr. David Newman
*Sustainable Res. Management*
2022 Soc. of Am. Foresters Fellow
2022 Philip J Haddock Award for Service to the Ranger School

Dr. Lemir Teron
*Environmental Studies*
Richard P. Nathan Pub. Policy Fellow Rockefeller Institute of Government

Dr. Ivan Gitsov
*Chemistry*
Fulbright Scholar Award
Faculty & Staff Awards and Recognitions

SUNY Chancellor's Award recipients listed from left to right:

Dr. John Farrell
*Environmental Biology*
Excellence in Scholarship and Creative Activities

Ms. Maren King
*Landscape Architecture*
Excellence in Faculty Service

Ms. Maura Stefl
*ESF in the High School*
Excellence in Professional Service

Dr. Stephen Shaw
*Environmental Resources Engineering*
Excellence in Teaching
Student Awards and Recognitions

Atif Ali (MS Student)  
*Sustainable Res. Management*  
2022 Farnsworth Fellow

Maryam Saffari Amam (PhD Student)  
*Environmental Resources Engineering*  
Research Scholarship – Compost Research & Education Foundation

Shayan Mirzabeigi (PhD Candidate)  
*Sustainable Resources Management*  
2022 Farnsworth Fellow

Christian Bright (Undergrad Student)  
*Environmental Resources Engineering*  
William F. Porter Research Fellowship and Society of Wetland Scientists Biogeochemistry Research Grant

Ashley Carter (Undergrad Student)  
*Sustainable Resources Management*  
SAF National Student Leadership Award

Alicia Fahrner (Undergrad Student)  
*Landscape Architecture*  
National Award: 2022 Douglas Dockery Thomas Fellowship in Garden History & Design; Garden Club of America

Bridget Maloney (Undergrad Student)  
*Landscape Architecture*  
SUNY Chancellor’s Award for Student Excellence
New Faculty

Dr. Emily Arsenault
*Environmental Biology*
Lotic Ecology, Dir. CLBS

Dr. Christopher Briggs
*Environmental Biology*
Avian Population Biology

Dr. Dan Cronan
*Landscape Architecture*
Urban Sustainability

Dr. Patrice Kohl
*Environmental Studies*
Env. Communication

Dr. Shannon Lynch
*Environmental Biology*
Forest Pathology

Dr. Ericka Redmond
*Chemical Engineering*
Paper Engineering

Dr. Jamie Shinn
*Environmental Studies*
Human Geography

Dr. Andy Vander Yacht
*Sustainable Res. Management*
Silviculture
### 2022-2023 Faculty Cluster Hiring Update

#### Water Science
- **CHEM**: Aquatic Biochemistry *8/01/22*
- **EB**: Aquatic Cellular & Mol. Biology *8/01/22*
- **ERE**: Water-Quality Modeler *8/15/22*
- **EST**: Water Policy and Governance
- **SRM**: Applied Hydrologist *8/15/22*

#### Bioeconomy
- **SRM**: Landscape Simulation Modeler *9/26/22*
- **SRM**: Natural Resource Economist *9/19/22*
- **SRM**: Soil Carbon Cycling Scientist *10/03/22*
- **SRM**: Carbon in the Built Environment *10/10/22*
- **CHE**: Chem/Bioresources/Ag Engineer *9/12/22*

#### Indigenous Environmental Science
- **EB or SRM**: Ethnoecologist
- **EST**: Environmental Justice
- **EB**: Biocultural Restoration

#### Urban Sustainability
- **DLA**: Climate Adaptive Design
- **DLA**: Spatial Determinants of Health
- **CHEM**: Atmospheric Chemistry
- **EST**: Climate Justice

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**Legend and Font Colors**
- **Blue**: Offer Made and Accepted
- **Purple**: Offer Made But Deferred
- **Red**: Offer Made and Declined
- **Black**: Search in Progress

**Bold**: Department Name

**8/01/22**: Application Deadline
CCAP Orientation/Mentoring Activities

- **Research success**: proposal writing; time management; engagement with non-traditional research funding sources (e.g., BNL)
- **Classroom success**: classroom etiquette; creating a positive and supportive environment to foster student success
- **Mentoring graduate students**: graduate committee processes; supporting graduate students for success
- **Managing workload balance**
- **Importance of policy/STEM integration**
New Research Development Director

• Starting October 2022 – Funded by SUNY for 5 years

• New role and capacity for ESF:
  • Mentor early-career faculty in grant-making
  • Support research clusters
  • Facilitate large, multi-PI proposals
  • Diversify funding portfolio
  • Build institutional partnerships
Understanding Ourselves 1: Student Demographics (Gender & Ethnicities)

Student Enrollment Composition by Gender and Race-Ethnicity, Campus Wide

Data Retrieved from SUNY Bi Dashboard, 5/23/22
Student Enrollments By Dept

Dark Blue = Undergraduate Students; Light Blue = Graduate Students

Chemical Engineering

Chemistry

Environmental Biology

Environmental Science
Student Enrollments By Dept

Dark Blue = Undergraduate Students; Light Blue = Graduate Students

Environmental Studies

Environmental Resources Engineering

Landscape Architecture

Sustainable Resources Management
Student Enrollments at the Ranger School and Online

Ranger School

Online Sustainability Management
Online Opportunities

SCNC Students Now Number 39 Million

• SCNC = Some College, No Credential

• Boxes represent states; numbers show SCNC students per 1,000 currently enrolled in undergraduate degrees

• *Survey: 66% of adults say traditional college does not meet the needs of today’s students

*NYS Ratio of Learners = 2,054:1,000 or 2:1*

2022 Survey of Higher Ed Provosts

• Please indicate your level of agreement with the following statements about budget and finances: (n = 149)

Financial concerns (e.g., revenue, market opportunities, profit) are prevalent in my institution’s discussions about launching new academic programs.

Most new funds my institution will have to spend on academic programs will come from reallocation rather than new revenues.

My institution used the economic downturn in 2020 to make tough but necessary changes in our academic programming budgets.

Overall, the financial situation at my institution has improved in the last year.

My institution is likely to reduce the number of academic programs it offers by the end of the 2021-22 academic year.

My institution needs to reduce the number of academic programs it offers by the end of the 2021-22 academic year.
Big Questions to Anchor Strategic Planning

1. How serious are we about taking steps to change the demographics of both faculty and students in favor of diversity, equity, inclusion and social justice?

2. Should internationalization be part of the strategy for diversification?

3. Short-term credentials or microcredentials (certificates, digital badges, MPS, micro-bachelors, micro-masters, etc.), are trending and here to stay. How committed are we to parallel programing for the traditional college experience and Open Academy experience which is to be largely online?

4. What are opportunities and challenges associated with the sustainable growth of ESF’s in-person undergraduate and graduate student enrollments, and expansion of online engagement with non-traditional learners?

5. How can ESF prepare today’s graduate for jobs that may not even be created/invented for another decade or two? [Answer: Create a graduate who is ethical, honest, good listener, hard worker, team player, and resilient and comfortable with a high rate of change – a person with agility]. Employers want complex problem-solving ability, critical thinking, analytical thinking, coordination with others (team player), people management skills, resilience/adaptability, creativity/imagination. How do we measure this?
Big Questions to Anchor Strategic Planning

7. Is SUNY ESF missing an opportunity to rebrand itself?

8. Why is ESF forfeiting the opportunity to develop courses with “Climate Change” in the title?

9. What steps should ESF take to alleviate the negative impact the condition of our research facilities has on faculty and graduate student recruitment and retention, and which would be the most impactful facility upgrades?

10. How can we best support and incentivize faculty in launching and sustaining dynamic and productive research careers? What should be the highest priorities within the areas of faculty research development, streamlining administrative processes, and research incentives??

11. Does the placement of some majors under departments and others under divisions advantage or disadvantage ESF enrollment objectives?

12. What are the most important measurable goals that should be considered as pillars in the ESF “Meeting the Moment” Strategic Plan?
History of Campuswide Strategic Planning at ESF

Past Planning at ESF:


ESF Discovery Challenge (2018-2019)

Components of a Strategic Planning Process:

- Review Mission & Vision
- Environmental Scan
- SWOT & Gap Analysis
- Develop Goals & Objectives
- Develop Implementation Plan

* SPSC: The ESF Strategic Planning Steering Committee
Good/Bad News: ESF’s Branding Dilemma

- Doctoral dissertations identified by university containing the terms “forest”, “forests”, “forestry”, “silviculture”, “wood technology”,
- or “wood science” in the title and/or abstract from 1978 to 2017
- The name ESF does not appear anywhere in the publication
Implementation Timelines

2022

July  Aug  Sep  Oct  Nov  Dec

2023

Jan  Feb  Mar  Apr  May

Unit Strategic Planning

*SPSC Feedback

Academic Unit Plans Due

SPSC Planning & Integration

Community Input & SPSC Plan Finalization

Presidential Unveiling

* SPSC: The ESF Strategic Planning Steering Committee