“We Are All in This Together”

ESF
Research Guiding Principles

• Grow the pie
• Break down silos
• Fly farther together
• Work smarter, not harder
Research By The Numbers

ESF
Research Dollars

- $20.4 Million in FY 2023
  - Projected $21.8 Million in FY 2024

- Growth since FY 2021
  - + 39% total costs
  - + 51% indirect costs
  - Indirect ratio: 20.6% → 24.1%
Small but Mighty...

- Smallest R2 nationally
- 2nd in R2 faculty productivity
- Highest productivity among SUNY doctorals, with UB

*Data from Carnegie Classification of Institutions of Higher Education, https://carnegieclassifications.acenet.edu/
More numbers...

- 225 proposals in FY 2023
- + 35% active awards
- + 72% Federal expenditures
Research People

ESF
New Faculty Faces
Strategic Research Clusters

- Focus on big interdisciplinary ideas and deep funding sources
- Research Development 1.0
- SUNY GROW — Grants for Research, Opportunity, and Workforce
Focus on Research Development

- PI orientation
- 1:1 research mentoring
- CAREER cohort
- Seed grants:
  - McIntire-Stennis
  - CoE in Healthy Water Solutions
  - Great Lakes Research Consortium
- SUNY GROW unit
- Partner visits
Building Relationships Around Water Science

- USGS New York Water Science Center
- NYS DEC Water Division, Finger Lakes Hub
- NYS Center of Excellence in Healthy Water Solutions (with Clarkson U.)
- Great Lakes Research Consortium
- Great Lakes Sea Grant Network
Research Incentive Funds

• Simplified and expanded prior policy

• RI distributions for FY20, FY21, FY22, FY23 coming soon
  – 3.5% of indirect returns to individual RI accounts
  – 2.5% of indirect returns to chairs’ RI accounts

• New FY24 distributions to be paid out in September
New Research Office Team

- New faces, new roles
- Faculty point-of-contact
- Coming soon:
  - Director of Research Development
  - Director of Proposals & Awards
  - RF Procurement Specialist
Research Office Transitions

Searches in Process

Research Foundation Director of Proposals and Awards - Office of Research Programs
Department: Office of Research Programs
Posted: Mar 12, 2024 Closes: Open Until Filled
Title: Director of Proposals and Awards Unit: Office of Research Programs (ORP) Position location: ESF’s Syracuse campus; potential for partial hybrid
Syracuse, NY

Director of Research Development
Department: Office of Research Programs
Posted: Mar 12, 2024 Closes: Open Until Filled
Campus Title: Director of Research Development Budget Title: Senior Staff Associate Unit: Office of Research Programs Professional Rank and Salary Range: SL-5; Mid-$90s to low-$110,000... Detail
Syracuse, NY

Leadership Team

Keith Kaplan
Interim Operations Manager
SUNY Research Foundation

Kate Edwards
Director of Research
Admin & Compliance
and Deputy OM

Rebecca McClain
Asst. Director of Research
Admin & Compliance

Interim VPR
(TBD)
Student Research

ESF
Growing Student Research

Students on Sponsored Projects

FY 2019 FY 2020 FY 2021 FY 2022 FY 2023

Grad Students Undergrad Students
New Student Opportunities

Federal Work Study Research Positions

SUNY Announces Expansion of the Chancellor’s Summer Research Excellence Fund
04/17/2024

Albany, NY – April 17, 2024 – State University of New York Chancellor John B. King, Jr. today announced the expansion of the Chancellor’s Summer Research Excellence Fund. A total of $1.4 million will be invested to expand the number of paid internships from 150 to 170 for students from across six campuses. The internships will include 45 new experiences for students focused on Artificial Intelligence research. This is the second year of the program announced last April.
Research Stories:
New CAREER Award

ESF’s Dr. Yaqi You Receives Prestigious NSF CAREER Award
Research Stories:
Bioeconomy and Carbon Accounting

Dr. Gyu Leem (left) and Dr. Chang Geun Yoo (right)

ESF Researchers Receive NSF Funding for Eco-manufacturing of Renewable Lignin-derived Products using Sustainable Energy

06/22/2023

Syracuse, N.Y. – June 22, 2023 - Researchers at the SUNY College of Environmental Science and Forestry (ESF) – one of the nation’s premier colleges focused exclusively on the study of the environment, developing renewable technologies, and building a sustainable future – received a grant from the National Science Foundation (NSF) to further its research on carbon-neutral alternative sources for value-added chemicals currently sourced from petroleum and other fossil fuels.

Researchers at ESF Build a Map-Based Carbon Accounting System to Help NYS Meet Net-Zero Goal

10/30/2023

SYRACUSE, N.Y. – Oct. 30, 2023 – A new report by the Climate & Applied Forest Research Institute (CAFRI) and SUNY College of Environmental Science and Forestry (ESF) outlines the development of a map-based carbon accounting system and how it can be an essential tool for New York state to achieve its net-zero emissions target by 2050.
Research Stories: Water Resources

SUNY ESF Leads Groundbreaking Research in Groundwater’s Role in Ecosystem Sustainability

Dr. Melissa Rohde

SUNY ESF Flood Recovery Research Earns Nearly $800,000 in Funding through National Science Foundation’s Civic Innovation Challenge

Dr. Jamie Shinn
Research Stories: civic engagement & design

Jean Yang Named SUNY Civic Education and Engagement and Civil Discourse Fellows

04/19/2024

Syracuse, NY – April 19, 2024 – Assistant Professor Jean Yang at SUNY College of Environmental Science and Forestry (ESF) has been selected as one of 10 Civic Education and Engagement and Civil Discourse Fellows within the SUNY system.

Joining ESF’s Department of Landscape Architecture in Fall 2023, Yang is a landscape designer, urban planner, and educator with a focus on design-driven, equity-focused, and benefits-based landscapes.

Her portfolio includes analysis, design, and advocacy for public spaces in historically marginalized areas. Prior to ESF, she served as a senior associate at Studio-MLA and taught at UCLA, Cal Poly Pomona, and the University of Oregon as a Spatial Justice Fellow. Yang’s accolades include the Azure Award for Urban Design Vision, the Southern California ASLA Merit Award, and the National ASLA Honor Award.

The Fellows aim to bolster SUNY’s dedication to civic engagement as a fundamental aspect of higher education, fostering civil discourse among students, faculty, and staff across campus communities.
Research Stories: Pollution Prevention & Mitigation

NSF Funds ESF Research Focused on Improving Air Quality in Major Metro Areas

ESF Professor Dr. Wendong Tao Receives SUNY Technology Accelerator Fund Award
Award will advance sustainable wastewater treatment research
Research Stories:
Biotechnology & Ecosystem Restoration

ESF’s American Chestnut Restoration Program Receives More than Half a Million Dollar USDA Grant

11/08/2023

SYRACUSE, NY – Nov. 8, 2023 - The American Chestnut Restoration Project at the SUNY College of Environmental Science and Forestry (ESF) received a $636,000 grant from the USDA’s National Institute of Food and Agriculture’s (NIFA) Biotechnology Risk Assessment Grants (BRAG) program.
The Future...
Coming soon:

- Web site info for PIs
- Updated policies and procedures
- RF process review & revision
- RF purchase requisition online form
- Strategic plan implementation
We Are All in This Together

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