The Research Foundation for SUNY is implementing a new Pre-Award and Compliance System (PACS). PACS will move the majority of SUNY’s proposals and research compliance documentation online through the use of modules running on Huron Consulting’s “Click Portal” platform. This multi-year collaborative project will automate the submission, review, approval, and ongoing management of all major aspects of the research administration and compliance documentation lifecycle. It will allow participating SUNY campuses to achieve a new level of uniformity and efficiency, while producing valuable data analytics to guide future business decisions.

The primary project goals of the new system are to reduce the administrative burden on SUNY researchers so they can devote their time to research and assist SUNY campuses to generate a higher volume of quality, compliant, collaborative, and multi-disciplinary grant proposals. The SUNY PACS project is being governed by a Steering Committee, Project Leadership Committee, and several specialized subcommittees. These committees and subcommittees include representatives from 14 SUNY campuses and from the Research Foundation for SUNY Central Office.

**How it will affect faculty?**

Here at SUNY Geneseo, we anticipate that faculty and staff submitting proposals will experience only modest changes in how they work with our office and will primarily use only two different modules: Conflict of Interest (COI, for financial conflict of interest and other disclosures) and Grants (for proposals). More details on the modules are below. If a faculty or staff member already has a Research Foundation for SUNY login, the same information will be used to access PACS. Those who are new to the system will be provided a login for PACS. Sponsored Research staff will work with all project directors (PDs)/principal investigators (PIs) and their Co-PIs/PDs to set up login access and provide training on how to use the system. The modules are intuitive and fairly easy to use. Training videos are also available at http://www.rfsuny.org/Our-Work/RF-Projects/-SUNY-Pre-Award-and-Compliance-System-PACS/PACS-Training-Videos/.

**Grants Module**

Will streamline processes and reduce proposal preparation time. The module supports compliant electronic submissions, greatly improving pre-award management at the campus. Features include:

- simplified, collaborative scope and budget preparation and review
- standard routing patterns
- responsibility assignments and approval authorizations
- easily reportable, in depth, aggregated campus-specific data
- system-to-system submissions for federal proposals via Grants.gov

Eventually the Grants module will also interface directly with the Research Foundation’s Oracle accounting system, providing for rapid set-up of award accounts. At Geneseo, we anticipate that faculty will primarily need to login to the Grants module to approve their proposal as part of our regular institutional approval process.

**Conflict of Interest (COI)**

As more and more sponsors require COI compliance, the Research Foundation for SUNY is moving to submission of COI disclosures for all proposal submissions and awards. The PACS COI module will greatly improve upon our current paper process and will automate annual updates for senior personnel working on sponsored programs. The COI module provides a system for all types of disclosures, including financial and transactional disclosures required periodic certifications, and research specific reviews. The module will:

- ensure consistent processes
- adapt to campus prescribed threshold triggers
- generate reports
- eliminate delays and lost or suspended disclosures.

The COI module stores information from prior disclosures, which will allow rapid and easy submission of annual renewal reports. For proposals, initial Financial Conflict of Interest disclosures will be made upon submission and then all disclosers will be placed on a common once-per year renewal cycle. (Continued on page 4)
Latin American Studies Cluster

The rationale behind cluster hiring is that collaborations are facilitated when professors are hired in groups. In the case of Geneseo’s Latin American Studies cluster, the collaboration between Assistant Professors of Anthropology Jennifer Guzmán and Melanie Medeiros has created opportunities for students to become involved in making changes for the good of the community, to think outside the box in terms of anthropological research, and to examine the relationship of Latin America to the United States, particularly in light of contemporary migration issues.

Jennifer Guzmán, Anthropology

Supported by a Geneseo Faculty Incentive Grant, Guzmán and Medeiros conducted a pilot research project last year that that was coordinated with the undergraduate Geneseo Guerilla Poets, who work with underrepresented groups and put poetry in public spaces, and Alianza Agrícola, a local farmworker organization. The research identified im/migration integration challenges and disparities in health care for dairy farmworkers. The researchers interviewed a dozen dairy farmworkers about their life histories, well-being, and challenges in accessing health care. In the process, they learned that im/migrants working at local dairy farms, unlike other types of farmworkers, tend to work year-round and become part of the local community. However, until this research project was conducted, the college community had had little contact with these workers, who, because of lack of transportation, concern over deportation and detention and lack of English language skills, were largely invisible and isolated. Their presence in the community was illuminated by a collaboration between researchers, Guerilla Poets, and Alianza Agrícola to craft poems from farmworkers’ stories, which were then displayed on campus for GREAT Day 2017. Guzmán is currently working with students and community collaborators to build a service-learning program in which students tutor local farmworkers and their families in English. Members of the new program, titled Geneseo MILC (Migrante Intercambio de Lenguaje y Cultura / Migrant Language and Culture Exchange), are now gearing up for a second semester of tutoring in the local community.

A linguistic and medical anthropologist, Guzmán’s earlier research in Chile focused on communication in clinical and indigenous healing settings. Fully bilingual in Spanish and English, Guzmán is the recipient of a Fulbright IIE (Institute for International Education) Award and the coordinator of Geneseo’s Interdisciplinary Minor in Linguistics. She teaches linguistics and anthropology and has published in the Journal of Linguistic Anthropology and the Journal of General Internal Medicine.

Melanie Medeiros, Anthropology

When Assistant Professor of Anthropology Melanie Medeiros joined the faculty at Geneseo in 2014, she looked for a research niche that would provide students with experience in ethnographic fieldwork, activism, and global citizenry while benefitting the local Latin American community. She and colleague Jennifer Guzmán piloted a project with incentive grant funding that filled that niche (see article above), gathered data, and used the results of their research to develop a proposal that was submitted to the National Science Foundation (NSF) in summer 2017. If funded, their NSF research project will examine the strategies and social resources that Latin American im/migrant farmworkers use to overcome obstacles to health care access. The researchers and their student assistant researchers will conduct interviews and surveys with Latino im/migrants who work on farms across Western and Central New York, collect data, analyze it, and present the results at national conferences. Results of the research may help organizations to tailor programs and interventions to ensure adequate health care access for this population.

A cultural and medical anthropologist, Medeiros previously focused her research on Brazilians of African descent, and her book, Marriage, Divorce and Distress in Northeast Brazil: Black Women’s Perspectives on Love, Respect and Kinship, published by Rutgers University Press, is scheduled for release in 2018. Medeiros is also the coordinator for the Sociomedical Sciences minor program and teaches courses in cultural and medical anthropology, black studies, Latin American studies, and women and gender studies.
**WIYN Open Cluster Study: UBVRI Photometry of Open Star Cluster M48**

Alexis Irwin ’18, Sherburne, NY  
Sponsor: Aaron Steinhauer, Physics & Astronomy

**WHAT IS YOUR PROJECT?** Dr. Steinhauer, along with collaborator Dr. Constantine P. Deliyannis at Indiana University, uses star clusters to study the discrepancies in lithium abundances on the surfaces of stars and predicts abundances using current stellar models. These discrepancies point to problems in stellar models that could be caused by stars’ magnetic fields or their rotation, which are often ignored in theoretical models. My role in this research has been working with fellow student Alexander Belles to reduce photometric data of Open Cluster M48 to measure the age, distance, reddening, and metallicity of the cluster, as well as to determine the exact coordinates of the stars in the cluster in order to spectroscopically study the cluster.

**HOW IS YOUR PROJECT FUNDED?** It is funded by an undergraduate Research Grant and the NY NASA Space Grant.

**IS THERE ANYTHING THAT HAS SURPRISED YOU?** I initially thought that working with a professor on their own research would limit my need to develop my own research techniques or solutions to problems encountered during the project because I assumed that there would already be a structured method to the research. I have been pleasantly surprised to discover that as I continue with this project I reach points and encounter problems that others have not yet faced, which require me to think critically and creatively in order to progress.

**HOW HAS WORKING ON THIS PROJECT IMPACTED YOUR LONG TERM PLANS?** I have learned that I thoroughly enjoy the critical thinking involved in research, but I would like to apply that thinking in a more hands-on way. I still plan to pursue Astrophysics in graduate school, but I now know that I would rather study instrumentation than theoretical or experimental research.

**WHAT HAVE YOU ENJOYED THE MOST?** This project gave me the opportunity to travel to Kitt Peak near Tucson, Arizona in January 2017 to participate in an observing run on the 0.9-meter telescope. It was an incredible opportunity that gave me a better understanding of the entire research process from start to finish instead of just the data reduction process that I had seen up to that point.

**WHAT ADVICE DO YOU HAVE FOR OTHER STUDENTS?** Talk to your professors! I have found that Geneseo professors love to talk about their research with students and they love to help students get involved. Talking to your professors about their research or about your own interests can lead to interesting conversations and great research opportunities.

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**Digital Mapping of Transatlantic Narratives and the Legacy of Cornelia Adair**

Veronica Taglia ’18, English Literature and American Studies, Valhalla, NY  
Sponsors: Joe Cope, History and Robert Doggett, English

**WHAT IS YOUR PROJECT?** My project is to create a digital storymap that narrates the life of Cornelia Wadsworth Adair—a late 19th century philanthropist born in Geneseo who undertook substantial land development and community improvement at Glenveagh Castle, County Donegal, Ireland and the JA cattle ranch in Southeast Texas. Basically, I’m taking archival records from the many places Cornelia impacted—including Geneseo, Philadelphia, London, various parts of Ireland, and the American Southwest—to create a narrative that connects her involvement in different areas of the world.

**HOW IS YOUR PROJECT FUNDED?** My project is funded through a Geneseo Foundation Undergraduate Summer Research Fellowship. I’m very grateful to the Geneseo foundation for their enthusiastic support of my project and for enabling me to conduct archival research in Ireland as part of my grant.

**WHAT DID YOU HOPE TO GAIN FROM WORKING ON THIS PROJECT?** I wanted experience looking at archival records—even learning to decipher 19th century handwriting proved to be a valuable skill. But I also wanted to undertake research that synthesizes different areas I’ve studied, including travel writing, Irish history, and digital humanities—to create my own integrated project.

**IS THERE ANYTHING THAT HAS SURPRISED YOU?** I was surprised at how many people (both in Geneseo and Ireland) were willing to help me and provide reliable information once I explained my project on Cornelia. At one point, staff at Glenveagh Castle actually drove me to the neighboring town of Churchill so that I could I look at a memorial site Cornelia Adair—a late 19th century philanthropist born in Geneseo who undertook substantial land development and community improvement at Glenveagh Castle, County Donegal, Ireland and the JA cattle ranch in Southeast Texas. Basically, I’m taking archival records from the many places Cornelia impacted—including Geneseo, Philadelphia, London, various parts of Ireland, and the American Southwest—to create a narrative that connects her involvement in different areas of the world.

**HOW HAS WORKING ON THIS PROJECT IMPACTED YOUR LONG TERM PLANS?** The project has developed my interest in digital humanities—I believe that this type of project-based, investigative learning is very important to the future of English literature as a discipline.

**WHAT ADVICE DO YOU HAVE FOR OTHER STUDENTS?** Don’t be afraid to ask questions! When I first started looking at archival material I felt somewhat intimidated and refrained from asking questions that might have seemed obvious to the archivists. But I’ve since learned that asking for help is the clearest, most direct way of receiving information when undertaking a project like mine, which involves material from many disparate sources.
Faculty Early Career Development Program (CAREER)
Due: Mid July 2018
Program solicitation: NSF 17-537
The Faculty Early-Career Development (CAREER) program is one of many NSF funding opportunities for new investigators. CAREER proposals articulate integrated, innovative, and ambitious single-PI projects that include research and education activities developed within the context of the mission, goals, and resources of the PI’s institution.

Investigator Eligibility Criteria
- Hold a doctoral degree by proposal deadline
- Be untenured and employed in a tenure-track (or tenure-track-equivalent) assistant professor position as of October 1st following deadline
- Have both research and educational responsibilities at the institution
- Have not previously received a CAREER award and have not had more than two CAREER proposals reviewed previously

Other Information
- More than 33% of research proposals submitted to NSF are from new (not previously NSF-funded) investigators.
- Approximately 20% of the research proposals from new investigators are submitted to the CAREER Program.
- Typical award sizes vary according to Directorate/Division/Program, and expectations for scope of research and education activities vary with disciplinary community norms.
- Talk to Division Contact(s) for more information. (http://www.nsf.gov/crssprgm/career/contacts.jsp)

National Endowment for the Humanities Summer Seminars and Institutes
Proposal Deadline: February 15, 2018
NEH Summer Seminars and Institutes grants support professional development programs in the humanities for school teachers and for college and university faculty. Seminars and institutes may be as short as one week or as long as four weeks.

NEH Summer Seminars and Institutes
- Provide models of excellent teaching
- Provide models of excellent scholarship
- Broaden and deepen understanding of the humanities
- Focus on the study and teaching of significant topics, texts, and other sources
- Contribute to the intellectual vitality of participants
- Build communities of inquiry

An NEH Summer Seminar or Institute may be hosted by a college, university, learned society, center for advanced study, library or other repository, cultural or professional organization, or school or school system. The host site must be suitable for the project, providing facilities for collegial interaction and scholarship. These programs are designed for a national audience of participants.
More information: https://www.neh.gov/grants/education/summer-seminars-and-institutes

Upcoming Campus Deadlines
Faculty Programs
Oct. 13 CIEE International Faculty Development Seminar Award
Jan. 19 Spring Faculty Travel Grants, Spring Incentive Grants & Research Development Awards, and Hurrell/McNaron Award for Scholarly Presentation
Jan. 19 Presidential, Geneseo Foundation, and Roemer Summer Faculty Fellowships
http://www.geneseo.edu/sponsored_research

Student Programs
Oct. 16 Dean Johnston Student Assistantships
Nov. 6 Student Research and Travel Grants
Dec. 1 Sorrell Chesin ’58 Research Award (Biology and Chemistry)
Jan. 29 Student Research and Travel Grants
https://www.geneseo.edu/undergraduate_research

GENESEO
Sponsored Research Annual Reports
Available online at www.go.geneseo.edu/OSRAnnual
These reports feature College total external and internal grants, departmental totals, GREAT Day statistics (overall and by department) and campus based awards.

PACS (continued from Page 1)
Other Modules that Geneseo will adopt
- Institutional Animal Care and Use Committee (IACUC)
- Agreements (for contracts, subaward agreements, and other agreements which must be reviewed prior to acceptance)
- Safety (this module has a variety of uses, which we are exploring).

Note that given how well our own Institutional Review Board (IRB) online system works for research involving human subjects, we have chosen not to implement the PACS IRB module at Geneseo.
Information on PACS and how to use it will also be added to the Office of Sponsored Research website.
2016-17 Student Campus Awards
These awards are funded through the Geneseo Foundation from restricted gifts, unrestricted gifts and endowments.

Undergraduate Research and Travel Grants: 239 grants totaling $115,344

Geneseo Foundation Full-Time Undergraduate Summer Fellowships ($3,000)
Josephine Chiarella, Astrochronology of Late Devonian Strata. Faculty Sponsor: D. Jeffrey Over, Geological Sciences
Scott Gutyon, Lake Lacoma Aeration Assessment. Faculty Sponsor: Isidro Bosch, Biology
Jenna Lawson, Humor as Resistance in Black Culture From Slavery to the Civil Rights Era. Faculty Sponsor: Emiye Crosby, History
Samantha Martin, Ni Una Menos – A New Movement Against Gender Violence in Chile. Faculty Sponsor: Jennifer Guzmán, Anthropology
Veronica Taglia, Digital Mapping of Transatlantic Narratives in Assessing the Legacy of Cornelia Wadsworth Adair. Faculty Sponsor: Robert Doggett, English
Sam Heraghty, Sampling Bee Diversity and Floral Resource Usage in The Spencer J. Roemer Arboretum. also recipient of the Dr. Wendell and Barbara Rhodes Research Award ($600) Faculty Sponsor: Jennifer Apple, Biology

Geneseo Foundation Part-Time Undergraduate Summer Fellowships ($1,000)
Samantha Gage, Osteological Indicators of Prey Size Preference in the Forelimbs of Felids and Nonavian Theropod Dinosaurs. Faculty Sponsor: Dr. Sara Burch, Biology
Meagan Sullivan, Multiplex mutagenesis using CRISPR Cas9. Faculty Sponsor: Travis Bailey, Biology
Jamie Wang, Correlating Expression Patterns of Twist-1 Upregulation and E-cadherin Downregulation as a Result of Clobetasol Treatment. Faculty Sponsor: Dr. Jani Lewis, Biology

Dean Johnston Student Research Assistantships ($1,000)
Jennifer Galvao, Women and Gender in SNCC. Faculty Sponsor: Emiye Crosby, History
Mary Rutigliano, Nutrition, Medicine and Health in a Yucatec Maya Community. Faculty Sponsor: Kristi Krumrine, Anthropology

Geneseo Foundation Student Research Assistantships ($1,000)
Molly Brady, Spatial Learning and the Development of Mental Maps. Faculty Sponsor: Jason Ozubko, Psychology
Jenna Lawson, Women and Gender in SNCC. Faculty Sponsor: Emiye Crosby, History
Yanitza Piedra, Healthcare Utilization Among Latino Farmworkers and Their Families. Faculty Sponsor: Melanie Medeiros, Anthropology

Sorrell Chesin ’58 Undergraduate Research Award ($250, Biology Department Students)
Ooha Kambhampati, DNA Methylation Promotes Stationary Phase Fitness in Escherichia coli. Faculty Sponsor: Kevin Militello
Jeffery Doser, Do Soundscape Reflect Seasonal Changes in Biodiversity in Forest Plots in the Genesee Valley? Faculty Sponsor: Kristina Hannam
Alexandra Glastiar, Localization of the Epulopiscium sp. type B DivIVA protein. Faculty Sponsor: Elizabeth Hutchison
Daniel Duran, Combinatorial Effects of PK11195 and 5-Azacytidine as an Epigenetic Modulator for MPC. Faculty Sponsor: Robert W. O’Donnell

2016-17 Faculty/Staff Grant and Fellowship Awards

1. Medeiros, M., Anthropology, SUNY Conversations in the Disciplines, $5,000
2. Myzelev, A., Art History, SUNY Innovative Instruction Technology, $9,200
3. Bosch, I., Biology, Livingston County Planning Department, $19,232
4. Lewis, J., Bailey, T., & Militello, K., Biology, National Science Foundation, $38,125
5. Militello, K., Biology, National Institute of Allergy and Infectious Diseases, $459,223
6. Norman, S., Xerox Center/ Education, Rochester City School District, $80,000
8. Urso, A., Education, United Way of Livingston County, $4,000
10. Urso, A., Education, Greater Rochester Summer Learning Association, $1,500
11. Urso, A., Education, Feinbloom Supporting Foundation/ Rochester Area Community Foundation, $15,000
12. Robertson, D. & Tulowiecki, S., Geography, National Science Foundation, $232,099
13. Covell, S., Health & Counseling, NYS Office of Alcoholism and Substance Abuse Services, $631,600
14. Aguilar, C., Mathematics, National Science Foundation, $181,889
15. Leary, C., Mathematics, American Association for the Advancement of Science, $75,000
16. Lindsay, R., Milne Library, NY State Education Department, $9,581
18. Pellerin, A. & Charlebois, A., Physics & Astronomy, Chemistry, Consortium on High Achievement & Success, $6,500
19. Steinhauer, A. & Marcus, G., Physics & Astronomy, NYS Space Grant Consortium/Cornell

19 Awards totaling $2,350,806
2016-17 Faculty Campus Awards

These awards are funded through the Geneseo Foundation from restricted gifts, unrestricted gifts and endowments.

Roemer Summer Faculty Fellowship ($5,000)
Meredith Harrigan, Communication, Motherhood and the Mother-Daughter Relationship

CIEE International Faculty Development Summer Seminar ($5,000)
Susan Bandoni Muench, Biology, The State of Public Health in the Dominican Republic: A Caribbean Case Study

Geneseo Foundation Summer Faculty Fellowship ($4,000)
Jani Lewis, Associate, Biology, Differential Effects of Ultrapotent Corticosteroid Treatment in Vulvar Cancer Cell Lines
Lynette Bosch, Art History, Theology and Liturgy in Michelangelo’s Last Judgement and Lost San Lorenzo Frescoes

Presidential Summer Fellowships ($3,500 each)
Travis Bailey, Biology, Use of the gef Zebrafish Mutant to Understand Neuronal Differentiation in the Retina
Kyle Matthews, Languages and Literatures, Grotesquing the Nation
Christine Merrileeis, Psychology, Utilizing a Developmental Intergroup Framework to Assess Intergroup Processes in Two Samples
Alla Myzelev, Art History, Fashion of Dissent: Soviet and Russian Clothing 1917-2017
Amanda Roth, Philosophy, Made with Love and Science Reproductive Ethics and LGTBQ Family Making

Proposal Writing Support Awards ($2,500)
Yusuf Bilgic, Mathematics, Improving Probability and Statistic Instruction via Scaffolding Strategy for Struggling Students Including Students with Learning Disabilities
Vincent Markowski, Psychology, Summer Research Experience in Neuroscience
Melanie Medieros, Anthropology, Healthcare Utilization Among Latino Farmworkers and Their Families

Hurrell/McNaron Award ($1,000)

Research Development Awards, $5,750 (two $1,000 awards and one course release valued at $3,750)
Terence Bazzett, Psychology, Assessing Behavioral Features in Transgenic Mouse Models of Huntington Disease
Kristina Hannam, Biology, Avian Winter Vocalization & the Impact of Anthropogenic Noise
Karleen West, Political Science and International Relations, Who Speaks of Nature? Indigenous Activists, Oil Drillers, Public Opinion, and Extractive Populism in Ecuador

Faculty Travel Grants
124 Faculty Research Travel Grants totallying $100,011 awarded to faculty in all 20 academic departments and Milne Library.

Research Incentive Grants ($22,973 total, $1,200 ave)
Megan Abbas, History, Clifford Geertz’s Texts and Contexts: A Visit to Geertz’s Personal Papers
Jennifer Apple, Biology, Native bee survey and evaluation of pollinator habitat quality on the SUNY Geneseo campus
Terence Bazzett, Psychology, Assessing behavioral features in transgenic mouse models of Huntington disease
Isidro Bosch, Biology, Marine Biodiversity of the Yucatan: Search for a New Sea Star Species
Amber Charlebois, Chemistry, Examination of Protein Structure using High Performance Liquid Chromatography
Elaine Cleeton, Sociology, In and out of the Pulpit: Pentecostal Women in Ministers and the Gender Binary
Emilye Crosby, History, Anything I was big enough to do: Women and Gender in SNCC
Ganie DeHart, Psychology, Sibling and Friend Relationships of Chinese-American Children
Jennifer Guzman, Anthropology, Healthcare Utilization Among Latino Farmworkers & Their Families
Rachel Hall, English, The Remembrance of Things Past: Heroes in Life and Literature
Joel Kincaid, School of Business, Archival research at the Harvard Law School Library in Cambridge MA
Mansokku Lee, School of Business, A Study on Business Cycle Synchronization – The Effect of Economic and Political Determinants
Brooke McCorkle, Music, Searching for Wagner in Japan
Melanie Medeiros, Anthropology, Marriage, Divorce, and Distress in Northeast Brazil: Black Women’s Perspectives in Love, Respect, and Kinship
Alla Myzelev, Art History, Russian Invasion
Jun Okada, English, Yoko ono, Nam June Paik, and Transnational Media
Yvonne Seale, History, Digitizing the Cartulary of the Abbey of Premontre: A Model Towards New Scholarship
Aaron Steinhauer, Physics and Astronomy, Observing Run at the WIYN 36 inch Telescope
Caroline Woidat, English, Archival Research of the Papers of Elizabeth Oakes Prince Smith in the Special Collections at the University of Virginia Library