



THE UNIVERSITY OF
SCRANTON
A JESUIT UNIVERSITY



Faculty Student Research Program

Faculty Directory
2013-2014

Office of Research and Sponsored Programs

IMBM 201

570-941-6353

Introduction

What is FSRP?

The principal purpose of the Faculty/Student Research Program (FSRP) is to offer you the opportunity to be involved in faculty research activities. The FSRP offers you powerful learning experiences which transcend the traditional roles of faculty/student relationships.

The program is university-wide and covers all academic departments. Participation is open to all undergraduates and graduate students in good academic standing. Although this program is offered on a non-credit basis, students will receive transcript recognition for their participation. The FSRP is currently being administered by the Office of Research and Sponsored Programs (ORSP) and the Registrar's Office.

Benefits:

- ⇒ FSRP supports and encourages increased research activities at the university level.
- ⇒ Collaborative efforts of the faculty and students create an environment in which students can conduct research, develop research skills, and apply knowledge gained in coursework.
- ⇒ Meaningful dialogue between students and faculty is at the core of the learning process. This dialogue is enhanced by the opportunity for faculty and students to interact outside the classroom.
- ⇒ Faculty benefit from the assistance of capable, motivated students.

Finding a Faculty Sponsor:

In this booklet, you will find a list of faculty sponsors. In order to identify a faculty sponsor that will be a good match for you, first think about your own skills, education, and interests. Try to focus on classes you have taken which you found very interesting, or subject areas that you have always wanted to explore further.

Once you have identified your areas of interest, look through the list of faculty sponsors and pick out one or more professors who are working in areas that relate to your interests. Note that you are not restricted to working with faculty who are listed in the Faculty Directory. You may work with any faculty member who is interested in working with you. Visit faculty during their office hours or schedule an appointment to discuss your research interest. Most faculty members are NOT looking for students with prior research experiences. They ARE looking for students who genuinely want to participate in research and who will be energetic and reliable assistants.

Be prepared to talk about why you wish to participate in the FSRP and what you hope to gain from the experience. Be honest about your motivation in participating in this program. The faculty member, in turn, can let you know what their research has to offer you in a way of learning, and both of you can decide whether or not to work together.

Once you and a faculty member have agreed to work together, the next step is to complete the Learning Contract. This contract details the exact nature of the research you will undertake with your faculty sponsor and serves as a formal agreement between the two of you. After the contract is signed and turned in the Registrar's Office, you are officially part of the FSRP for that term. A new Learning Contract must be filled out and submitted for each term.

You are required to commit a minimum of one full semester/term to FSRP, but may continue your work beyond this. You should expect to devote 60-90 hours per term to the research activities; however, the exact scheduling of your time may vary depending on the particular research needs, your schedule and that of the faculty member.

Transcript Recognition:

A unique "course" number (97) will be assigned to FSRP activities. It may be prefixed by any of the active departmental designations (e.g. ENGL, PSYC, HIST, PS, etc.). The approximate prefix will be selected by the faculty member involved in the contract. The prefix and the "97" number will be placed on the contract form at the Registrar's Office.

A transcript entry for a student might look like this, with the FSRP activity being the third entry:

DPT/NUM	COURSE DESCRIPTION	GRD	CR	Q.P.
ACC 115	COST ACCOUNTING	B	3.0	6.00
ACC 117	ADV. ACCOUNTING	B+	3.0	6.00
MKT 97	FACULTY STUDENT RESEARCH	S	0.0	0.00

NOTE: Giving FSRP Transcript Recognition for essentially the same work being performed in credit courses (e.g. undergraduate research or honors courses) is not appropriate.

SUMMARY OF STEPS

- ⇒ Consider your skills, interests, and education.
- ⇒ Review the Faculty Directory to identify professors you would like to work with and/or approach them in class even if they are not listed in the directory.
- ⇒ Visit faculty.
- ⇒ Jointly complete and sign a Learning Contract.
- ⇒ Submit one copy of both sides of the completed Learning Contract to the Registrar's Office (St. Thomas 301) and one copy to Eloise Libassi, Office of Research and Sponsored Programs (IMBM 202). Faculty members should keep the original contract. An official roster for each subject area will be sent to the faculty member by the Registrar's Office.
- ⇒ Work directly with faculty sponsor.
- ⇒ At the end of the term, the faculty sponsor and student should jointly complete the evaluation section of the Learning Contract. The faculty sponsor should keep this form. A copy may also be given to the student.
- ⇒ The Registrar's Office will send the faculty sponsor a final grade roster on which a "SATISFACTORY" (S) grade or "NO CREDIT" can be reported for the FSRP. This roster will be delivered to the Registrar's Office by the faculty member. PLEASE NOTE: Students are NOT penalized for failure to complete the terms of a Learning Contract. Students will simply not receive transcript recognition for their participation in the program. The Registrar's Office will record the appropriate transcript recognition on your academic record.

FSRP DEADLINES

For the 2013-2014 academic year, the deadlines are as follows:

FALL—September 9

INTERSESSION—January 8

SPRING—February 10

Contact Information:

Office of Research and Sponsored Programs
IMBM 201
PHONE: 570-941-6353 (General #)
570-941-6301 (Eloise Libassi)
EMAIL: eloise.libassi@scranton.edu
www.scranton.edu/academics/provost/research

Office of the Registrar
St. Thomas Hall 301
PHONE: 570-941-7720
EMAIL: registrar@scranton.edu
www.scranton.edu/academics/registrar
Office Hours: MTWF: 8:30am-4:30pm
Thurs: 10:00am-4:30pm

College of Arts and Sciences



The College of Arts and Sciences is the largest in the University, with almost 2,000 undergraduates and more than 35 areas of study. Its liberal arts programs serve students well in many different careers. CAS programs also lay the foundation for professional study in law, medicine and dentistry, as well as for graduate study in various fields.

In keeping with the Jesuit commitment to *Cura Personalis*, CAS provides many opportunities for students to explore their talents and interests.

CAS also supports the University's commitment to the *Magis*—a restless desire for excellence. CAS host the Special Jesuit Liberal Arts Honors Program and the University's undergraduate Honors Program, and collaborate with the Kania School of Management in the University's Program of Excellence in International Business.



Brian P. Conniff, Dean
College of Arts and
Sciences

Majors:

Biochemistry	International Language/ Business
Biochemistry, Cell and Molecular Biology	International Business
Biology	Italian
Biomathematics	Mathematics
Biophysics	Media and Information Technology
Chemistry	Medical Technology
Chemistry/Business	Military Service
Chemistry/Computers	Neuroscience
Classical Studies	Philosophy
Communication	Physics
Computer Engineering	Political Science
Computer Information Systems	Pre-Engineering
Computing Sciences	Pre-Law
Criminal Justice	Pre-Medical
Electrical Engineering	Psychology
Electronic Commerce	Sociology
Electronics/Business	Theatre
English	Theology/Religious Studies
Environmental Science	Undeclared
French and Francophone Studies	World Languages and Cultures
German Cultural Studies	
Hispanic Studies	
History	

BIOLOGY DEPARTMENT



GARY KWIECINSKI, Biology

Phone: (570) 941-6387

Email: ggk301@scranton.edu

Office: LSC 292

(2-3 students)

Description of research activities:

Zoogeography of North American and Caribbean mammals; studies of bone mineral content in disease and hibernating bats; feeding/behavioral ecology of phyllostomid bats; applied histology and immunocytochemistry.

Activities to be performed by student:

- Analysis of mammal activity in the field
- Collection of field-caught mammals, measurements, and field preparations of tissues for laboratory examinations
- Histological and immunocytochemical methods to targeted morphological and physiological adaptations
- Collect, tabulate, and analyze data and present findings

Student qualifications:

- GPA is upper 20% of class
- Willingness to perform routine, daily tasks (e.g. section, stain, library literature searches).
- Desire to work independently and as part of a team.
- Must be reliable

ERICA LASEK-NESSELQUIST, Biology

Phone: (570) 941-7469

Email: erica.lasek-nesselquist@scranton.edu

Office: LSC 351

(1-2 students)

Description of research activities:

My laboratory focuses on the evolution of microbial eukaryotes and includes genomic, transcriptomic, molecular phylogenetic and population biology analyses. Currently, I am investigating the symbiotic relationship between the ciliate, *Mesodinium rubrum*, and the organelles (nucleus, plastids, and mitochondria) that it steals from its algal prey. *M. rubrum* retains these prey organelles to satisfy its own metabolic needs but very little is understood about how this ciliate molecularly governs the activity of these foreign organelles. Additionally, there must be coordination between the host and prey organelles' metabolic and transport machinery. My lab seeks to illuminate the molecular underpinnings of this unique and dynamic relationship. Other projects include evaluating the population structure and genome biology of the intestinal parasite, *Giardia duodenalis*, the most common cause of diarrhea in the world, and exploring protist (microbial eukaryote) diversity.

Activities to be performed by student:

- Students will perform both wet lab and bioinformatics research and are expected to participate in manuscript preparation.
- Wet lab activities include culturing microbial eukaryotes and performing DNA and RNA extractions, PCR (polymerase chain reaction) amplification, cloning, sequencing, and DNA/RNA library preparation.
- Bioinformatics activities will involve working primarily in a Linux environment to assemble transcriptomes/genomes, align sequences, and generate phylogenies.

Student qualifications:

- Students must be dependable, motivated, and organized with good record-keeping abilities.
- Students must have familiarity with the molecular techniques employed by my lab.
- Programming skills or experience with working in a Linux environment are strongly encouraged.



ROBERT SMITH, Biology

Phone: (570) 941-6581

Email: robert.smith@scranton.edu

Office: LSC 252

(4 students)

Description of research activities:

Various projects focused on the ecology, ecophysiology, and conservation of landbird migrants.

Activities to be performed by student:

Field activities:

- Data collection on migrating and breeding birds via mist netting and trapping
- Field behavioral observations
- Finding and monitoring nests
- Collecting vegetation data to describe habitat and nest site location
- Sampling/qualifying arthropod abundance

Laboratory activities:

- Identification and quantification of invertebrates
- Processing of avian blood slides
- Identification and quantification of white blood cells
- Analysis of plasma metabolites
- Spectrophotometric analysis of feathers and eggshells
- Data entry and summary analysis

Student qualifications:

Fieldwork:

- Students must be willing to begin in the early a.m.
- Be dependable
- Have a willingness to tolerate field conditions (cold/hot temperatures, rain, physical work, etc.)

Labwork:

- Dependable
- Detail-orientated
- Be able to work independently or as part of a team



MICHAEL SULZINSKI, Biology

Phone: (570) 941-4306

Email: michael.sulzinski@scranton.edu

Office: LSC 355

(2-3 students)

Description of research activities:

Nucleic acid detection of *Burkholderia gladioli*, (an opportunistic pulmonary) pathogen in natural populations. Assay development, Real-Time polymerase chain reaction (RT-PCR) detection of *B. gladioli* and related organisms.

Activities to be performed by student:

- Preparation of bacteriological media
- Maintenance of cultures and culture archival; aseptic technique
- Specimen preparation, analysis by RT-PCR.

Student qualifications:

- Must have completed BIOL 250 with minimum grade lab grade of B+
- Willingness to perform routine, daily tasks
- Ability and desire to work independently and with others.
- A commitment to work a project through to completion



JANICE VOLTZOW, Biology

Phone: (570) 941-4378

Email: janice.voltzow@scranton.edu

Office: LSC 255

(4 students)

Description of research activities:

Our laboratory focuses on the relationships between structure and function in marine invertebrates, especially marine gastropods, with the goal of understanding invertebrate evolution. We are also interested in the effects of changing climatic conditions on marine organisms. Students with ideas for projects outside these areas are also welcome to propose an independent activity.

Activities to be performed by student:

- Maintenance and observation of marine invertebrates
- Have the opportunity to learn histology, scanning electron microscopy, video recording, and other techniques to learn structure and function

Student qualifications:

- Must be dependable, detail-orientated, and able to work independently and as part of a team
- Students who have taken invertebrate biology, marine invertebrates, or comparative biomechanics or who have taken a field course are preferred.

COMPUTING SCIENCES DEPARTMENT



BENJAMIN BISHOP, Computing Sciences

Phone: (570) 941-6115

Email: bishop@cs.scranton.edu

Office: LSC 171

(1-2 students)

Description of research activities:

Various projects are available in the areas of Computer Architecture and Graphics

Activities to be performed by student:

- Duties will vary depending on the project, but this work generally involves running stimulations and significant programming.

Student qualifications:

- Students should be willing to work, and should have completed at least CMPS 240.

HISTORY DEPARTMENT



ROY DOMENICO, History

Phone: (570) 941-4143

Email: roy.domenico@scranton.edu

Office: St. Thomas Hall 308G

(1-2 students)

Description of research activities:

"The Devil and Dolce Vita," a study of Italian Catholic cultural politics in the 1950s and 1960s.

Activities to be performed by student:

- Bibliographic work, some library investigation and proof reading.

Student qualifications:

- Reading and familiarity with library and bibliographic work
- Reliability



LAWRENCE W. KENNEDY, History

Phone: (570) 941-4294

Email: lawrence.kennedy@scranton.edu

Office: St. Thomas Hall 308E

Description of research activities:

"Patrick A. Collins: Irish Emigrant and American Politician, 1844-1905," is a study of Irish America in the late nineteenth century. Collins was a Fenian leader, Massachusetts state legislator, national Democratic Party leader, president of the American branch of the Irish Land League, Congressman, U.S. Consul-General in London, and Mayor of Boston.

Activities to be performed by student:

- Locate relevant newspaper articles, copy and file, and transcribe key portions.

Student qualifications:

- Willingness and ability to work with digital newspapers.

MATHEMATICS DEPARTMENT



REV. JOHN J. LEVKO, S.J., Mathematics

Phone: (570) 941-7606

Email: john.levko@scranton.edu

Office: LSC 475

(2 Students)

Description of research activities:

- Explore topics in vector and tensor analysis (1 student)
- Explore topics concerning mathematics & spirituality [Eastern Christian and Ignatian] (1 student)

Activities to be performed by student:

- Finding relevant papers, reading, producing examples and generalizing existing results.

Student qualifications:

- For #1, at least a grade of B+ in Math 462, as well as permission of the instructor are required.
- For #2, at least a grade of B+ in T/RS 339 or T/RS 552, as well as permission of the instructor are required.

PHILOSOPHY DEPARTMENT



SHARON M. MEAGHER, Philosophy

Phone: (570) 941-4075

Email: sharon.meagher@scranton.edu

Office: LSC 568

(1 student)

Description of research activities:

Research assistant in public philosophy

Activities to be performed by student:

- Internet, newspaper, and library research on examples of publicly relevant philosophical work
- Compilation of annotated bibliographies
- Discussion of materials researched
- Some writing and editing for web publication

Student qualifications:

- Strong writing and research skills
- Attention to detail
- Philosophy major or minor with interest in public applications of philosophy

PHYSICS/ELECTRICAL ENGINEERING

DEPARTMENT



ROBERT A. SPALLETTA, Physics/Electrical Engineering

Phone: (570) 941-6210

Email: robert.spalletta@scranton.edu

Office: LSC 156

(3-4 students)

Description of research activities (Biophysics):

Protein Folding: Investigating the evolution of highly conserved protein sequences.

Eldercare: Design and implementation of devices to establish a behavioral thermometer predictive of an impending but still preventable catastrophic change in the health of the elderly.

Prosthetic Devices: Design and implantation of smart prosthetic devices using advanced sensing, AI and robotics techniques.

Description of research activities (Physics):

Cosmology: Investigations using the University's Radio Telescope. Modeling the evolution of the universe from the Big Bang to the present.

Photovoltaics: An investigation of various high efficiency concentrated photovoltaic systems (CPV).

Investigating various ways of increasing the efficiency of existing photovoltaic systems, with attention to the impact of the variation in available solar energy.

Activities to be performed by the students:

Varies dependent on project, student qualifications and interest, and can include, but is not limited to:

- Modeling the structure and function of biomolecules and their interactions using molecular modeling software such as SYBYL
- Modeling the structure and function of systems and their interactions using multiphysics modeling software such as COMSOL
- Finding and/or applying analytic and numerical solution to differential equations to investigate issues in quantum mechanics and cosmology
- Assist in the design and construction of robotic systems to emulate biomechanical structures.

Student Qualifications:

Varies dependent on project, but includes:

- An understanding of basic Biology, Chemistry or Physics
- Significant computer experience
- Willingness to learn new software tools
- Some programming experience
- Willingness to learn how to interface and/or control instrumentation with computer platforms



NICHOLAS TRUNCALE, Physics/Electrical Engineering

Phone: (570) 941-6289

Email: nicholas.truncale@scranton.edu

Office: LSC 172

(1-3 students)

Description of research activities:

I supervise and coordinate the two-semester sequence of the introductory physics laboratory. I am interested in creating new/unique/exciting laboratory experiments to implement with the current laboratory curriculum as well as new/unique/exciting demonstrations in the form of:

- instructor led in-class demonstrations
- recorded video demonstrations
- interactive computer based physics simulations

The experiments can range from introductory physics topics to more advanced topics depending on student experience and interest. I am also interested in making demonstrations/simulations on any science topic with a focus on physics, biophysics, engineering, chemistry, and earth and space science.

Depending on the originality of the experiments/demonstrations, I plan on sharing them with the science education community (i.e. AAPT/NSTA publications and possibly conferences).

Activities to be performed by the students:

Varies dependent on student qualifications and interest, and may include, but is not limited to:

- Developing the actual experiment/demonstration
- Writing documentation/instructions/procedures/descriptions for the experiment/demonstration
- Creating diagrams/images for the above mentioned
- Identifying the educational benefits from the experiment/demonstration/simulation
- Develop computer simulations using an appropriate programming language

Student Qualifications:

- Students interested in science as well as education would be a plus
- Must be enrolled in or have completed at least one science class in topic of interest
- Computer experience a plus
- Experiences with programming languages are beneficial, but not required if interested in creating simulations

POLITICAL SCIENCE DEPARTMENT

Michael Allison, Political Science

Phone: (570) 941-4392

Email: michael.allison@scranton.edu

Office: O'Hara 409

(1-2 students)

Description of research activities:

Help with research on the transition of a guerrilla group to political party in Guatemala and/or United States – Central American relations in the post-Cold War period; help with research and writing for my blog on Central American politics and other writing projects in which I am involved.

Activities to be performed by student:

- Assist with research on the writing of a book on the transition of a Guatemalan guerrilla group to political party or investigate the main developments in US-Central American relations since the end of the Cold War
- Design a blog post each week highlighting some of the main news events from Central America; possibly write one or more posts each month based upon student's interest
- Assist in the writing of op-eds for Al Jazeera and other publications

Student qualifications:

- GPA of 3.50 or above
- Coursework related to Latin America; Spanish a plus as is travel to the region
- Good writing skills
- Interest in pursuing a career related to Latin America

PSYCHOLOGY DEPARTMENT



THOMAS P. HOGAN, Psychology

Phone: (570) 941-4268

Email: thomas.hogan@scranton.edu

Office: AMH 223

(2-3 students per year)

Description of research activities:

- Research on math achievement and attitudes
- Manuscript preparation on variety of topics related to psychological measurement

Activities to be performed by student:

- Literature searching
- Data collection (must complete CITI training for data collection)
- Data input and analysis
- Manuscript editing
- Assisting with design of studies

Student qualifications:

- Psychology major or minor
- Completion of PSYC 210 (Statistics) and preferably PSYC 330 (Research Methods)



BARRY X. KUHLE, Psychology

Phone: (570) 941-5459

Email: barry.kuhle@scranton.edu

Office: AMH 222

(2-5 students starting in the Fall of 2014)

Description of research activities:

My research focuses on the evolved psychological mechanisms that underlie commitment and jealousy in heterosexual romantic relationships. Specifically, I explore how men and women assess a new dating partner's commitment intentions and how they navigate a partner's (and their own) violations of relational commitment (e.g., infidelity). My RAs and I have also recently begun exploring sex differences in the nature of "birds and bees" talks as well as the production of humor.

Activities to be performed by student:

- Attend weekly meetings on time and fully prepared
- Survey design, construction, and implementation on the web via Survey Monkey
- Assist in carrying out the study (subject testing)
- Data entry
- Journal searches, literature reviews, and assistance with poster and paper preparations
- Assist with reviewing manuscripts

Student qualifications:

- Must have earned at least a B in PSYCs 110 (Fundamentals) and 210 (Statistics)
- I prefer students to have taken (or currently be taking) PSYCs 330 (Research Methods) and 233 (Evolutionary Psychology).
- Must complete the online CITI training course prior to enrollment



JOHN C. NORCROSS, Psychology

Phone: (570) 941-7638

Email: john.norcross@scranton.edu

Office: AMH 224

(2 students)

Description of research activities:

Ongoing and diverse projects related to psychotherapy, self-change, and clinical training.

Activities to be performed by student:

- Literature searches
- Data collection
- Data input
- Statistical analyses
- Manuscript preparation

Student qualifications:

- Psychology major or minor
- Junior or senior status
- Completion of Psychological Statistics and Research Methods in the Behavioral Sciences
- Avid interest in scientific research

SOCIOLOGY/CRIMINAL JUSTICE

DEPARTMENT

JOSEPH F. CIMINI, J.D., Sociology/Criminal Justice

Phone: (570) 941-7476

Email: joseph.cimini@scranton.edu

Office: O'Hara 422

Project One:

(1-2 students)

Description of research activities:

- Technical assistant for railroad book project.

Activities to be performed by the student:

- Organizing images for publication purposes
- Scanning photographs, post cards, 35mm slides, color negatives, black and white negatives, newspaper advertisements, charts, maps, magazine pictures, and related images, as well as three-dimensional objects, at 600dpi, utilizing on campus resources and equipment.
- Saving scanned work in TIFF to an external hard drive.
- Selected enhancement of images through PhotoShop or similar program.

Student qualifications:

- Open to students enrolled in any major or academic program.
- Expertise in scanning photographs, etc. and three-dimensional objects.
- Familiarity with graphic arts techniques used in publishing.
- Knowledge of and experience with PhotoShop or similar program.
- Capability with organizing and storing personal computer files.

Project Two:

(10 students)

Description of research activities:

"Sociology of Lackawanna County—Oral Histories" - Research activities in cooperation with the staff and membership of the Lackawanna Historical Society working on "The Women's Oral History Project of Northeastern Pennsylvania" to date. Research activities are ongoing. At the present time, a number of oral histories have been tape recorded and are housed in the George Catlin Memorial, 232 Monroe Avenue (next to St. Thomas Hall). These need to be transcribed for future accessibility.

CIMINI (Project Two continued)

Activities to be performed by student:

- The student investigator will be expected to listen to and transcribe six (6) audio tape recordings of local oral histories who have resided in Lackawanna County. Each tape is from 60-90 minutes in length. They are personal, individual stories which reflect family life, work experiences, ethnic traditions, and everyday reminiscences.

Student qualifications:

- Very good listening, speaking, reading and writing skills are required.
- Should have some working knowledge of WordPerfect, Microsoft Word, or other word processing.

LOREEN WOLFER, Sociology/Criminal Justice

Phone: (570) 941-7450

Email: loreen.wolfer@scranton.edu

Office: O'Hara 424

(1-2 students in the Fall of 2013)

Description of research activities:

The current study examines the threshold of appropriate behavior on Facebook. It examines at what point different types of posts are deemed inappropriate by Facebook users and why, whether this disclosure is sanctioned and, if so, how. We will be doing both background research and focus groups with students.

Activities to be performed by student:

- Attend bi-monthly meetings on time and fully prepared
- Attend some focus groups (usually in the evening or sometimes Tues / Thurs from 11:30-12:30)
- Do some minor transcription
- Journal searches, literature reviews, and assistance with paper preparations
- Assist in writing surveys for a larger study based on focus group findings

Student qualifications:

- Must be a Sociology, Criminal Justice, Psychology or other social science major.
- Must have an understanding of social science research methodology or enrolled in such a course.
- Must complete the online CITI training course prior to enrollment.

Panuska College of Professional Studies



The J. A. Panuska College of Professional Studies prepares students in a wide range of professions. The College has been designed with the conviction that all disciplines should be taught and understood through a balance of theory and practice.

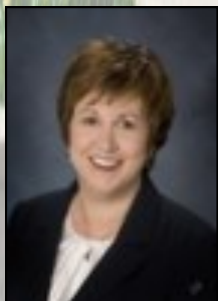
Panuska College students receive exemplary preparation for the profession of their choice and a solid education in the liberal arts and sciences.

Enhancement and extension of the Ignatian mission through service learning and dedication to being "women and men for others" is a large part of the Panuska College academic programs. These programs are committed to service learning through theory and practice and reflection through action.

Students in these academic programs perform community service through coursework and projects as a requirement for graduation. In this way, the service aspects of their prospective careers can be understood in personal and comprehensible terms.

Majors:

Community Health Education
Counseling and Human Services
Education
Exercise Science and Sports
Health Administration
Human Resources Studies
Nursing
Occupational Therapy
Physical Therapy (graduate program)



Debra A. Pellegrino, Dean
Panuska College of
Professional Studies

COUNSELING & HUMAN SERVICES

AMY T. BANNER, Counseling & Human Services (Clinical Mental Health Counseling)

Phone: (570) 941-4129

Email: amy.banner@scranton.edu

Office: MGH 443

(1-2 students)

Description of research activities:

Currently, two studies are in process:

- Study examining spirituality and emotional wellness among women in treatment for non-metastatic breast cancer
 - This study will examine the relationships among spirituality, alexithymia (the restriction of emotions), mindfulness, anxiety, and depression among women in treatment for Stage I, II, and III breast cancer in Northeastern Pennsylvania
- Study examining the public's knowledge and perception of counselors

Activities to be performed by student:

The activities performed by student will vary as the study progresses and as needs arise. All activities will be performed in conjunction with the faculty member's support following training by the faculty member. The following tasks are likely to occur:

- Literature reviews
- Research on study instrumentation
- Help with creation of recruitment and study materials
- Help with study execution
- Data review, compilation, and entry in SPSS
- Formatting references in APA format
- Proof reading

Student qualifications:

- Graduate counseling student
- Interest in content of study
- Ability to maintain confidentiality
- Familiarity with APA format
- High level of responsibility
- Detail oriented

EXERCISE SCIENCE & SPORT

DEBRA L. FETHERMAN, Community Health Education and Exercise Science

Phone: (570) 941-7111

Email: debra.fetherman@scranton.edu

Office: Long Center 143

Description of research activities:

Ongoing and varied community-based participatory research projects related to health behavior change, social determinants of health and college alcohol use behaviors.

Activities to be performed by student:

- Search databases for review of the literature
- Subject recruitment
- Assist with interviewing and focus groups
- Data collection and analyses

Student qualifications:

- Community Health Education, Exercise Science or Pre-med major
- Junior or Senior preferred
- Strong writing and interpersonal skills
- Strong interest in scientific research
- Attention to detail
- Willingness to present at student research conferences

HEALTH ADMINISTRATION & HUMAN RESOURCES



DANIEL J. WEST, Health Administration/Human Resources

Phone: (570) 941-4126

Email: daniel.west@scranton.edu

Office: MGH 417

(2-3 students)

Description of research activities:

- Research on global topics via internet, newspaper & library
- Develop and present papers at national and international conferences
- Research on health care competencies
- Co-author journal articles on relevant health care management topics
- Arrange and conduct international faculty/student study tours
- Developing grant proposals for international education projects
- Assist in writing grant proposals in health management education
- Applied research projects with universities in Slovakia, Georgia, and Mexico
- Work on ACHE Student Network projects

Activities to be performed by student:

- Grant writing and research
- Library research
- Prepare abstracts
- Literature reviews
- Conduct study tours
- Organize site visits

Student qualifications:

- Interest in health care management
- Proficient writing skills
- Knowledge in utilizing library facilities
- Interest in international activities
- Interpersonal skills
- Interest in other cultures and global issues

NURSING DEPARTMENT



TERESA M. CONTE, Nursing

Phone: (570) 941-7647

Email: teresa.conte@scranton.edu

Office: MGH 305

(1-2 students)

Description of research activities:

- Investigating grief and loss among nurses
- Designing an educational and support intervention to assist nurses that are confronted with professional loss
- Dissemination of study results via articles and professional presentations

Activities to be performed by student:

- Literature searches
- Compilation of references
- Discussion of data and emerging themes of data
- Assistance with data analysis
- Funding searches

Student qualifications:

- Attention to detail
- Accountability
- Strong search skills
- Ability to handle sensitive information appropriately

Note: Research assistants do not have to be nursing majors—I will consider students from other majors as long as there is a genuine interest in the research project



ANN FEENEY, Nursing

Phone: (570) 941-4118

Email : ann.feeney@scranton.edu

Office: MGH 321

(1-2 students)

Description of research activities:

- Investigating the effectiveness of an educational program on smoking cessation and relapse prevention counseling for perinatal nurses.
- Development of an educational program on smoking relapse prevention for postpartum women.
- Investigating the role of service learning programs in nursing education

Activities to be performed by student:

- Review of literature
- Data entry in SPSS
- Assistance with data analysis
- Formatting references in APA format
- Typing & editing

Student qualifications:

- Strong analytical skills
- Interest in nursing research
- Ability to maintain confidentiality
- Familiarity with APA format



MARY JANE S. HANSON, Nursing

Phone: (570) 941-4060

Email: maryjane.hanson@scranton.edu

Office: MGH 313

(1-2 students)

Description of research activities:

Investigation of factors associated with cigarette smoking behavior

Activities to be performed by student:

- Data collection
- Computer data entry
- Library research as directed

Student qualifications:

- Computer skills
- Junior/Senior status preferred, but not required



PATRICIA WRIGHT, Nursing

Phone: (570) 941-6484

Email: patricia.wright@scranton.edu

Office: MGH 337

(1-2 students)

Description of research activities:

- Development of a survey instrument to measure grief after pregnancy loss
- Older adults' grief following the loss of an adult child

Activities to be performed by student:

- Review of literature on pregnancy loss and perinatal grief
- Formatting of scale items for survey instrument
- Data entry in SPSS
- Formatting references in APA format
- Review of qualitative data in grief study
- Website maintenance (will train)
- Typing and editing

Student qualifications:

- Strong analytical skills
- Interest in nursing research
- Ability to maintain confidentiality
- Familiarity with APA format

OCCUPATIONAL THERAPY



RITA P. FLEMING-CASTALDY, Occupational Therapy

Phone: (570) 941-6368

Email: rita.fleming-castaldy@scranton.edu

Office: Leahy Hall 301

(2 students, 1 per project)

Description of research activities: I am currently engaged in two research projects.

1. *An Examination of Historical Trends in Occupational Therapy and the Relevance of Historical Literacy and Lessons Learned from the 20th Century to Professional Education:* I have collected qualitative data from recent occupational therapy program alumni about the major historical trends that have influenced occupational therapy since its inception in 1917 to the present time and the knowledge and skills they acquired through the completion of a graduate historical research project and reflective analysis. During AY 2013-2014, I will be analyzing this data. I will also be authoring and submitting an article about a related quantitative study on historical literacy which has been previously presented as a paper at three peer-reviewed conferences. Consistent with historian Daniel Boorstin advice that "Trying to plan for the future without a sense of the past is like trying to plant cut flowers", the completion of this project and its dissemination can provide increased knowledge about the historical contexts which have influenced the profession of occupational therapy. This enhanced understanding can provide a foundation for understanding the profession's present status and critically analyzing plans for its future.
2. *An Examination of the Relationships between Participation and the Quality of Life of College Students with Physical Disabilities:* This ongoing quantitative study uses a survey design to gather the perspectives of college students with disabilities about their participation in school and community activities and their life satisfaction. This study will test a core belief of occupational therapy; that is, participation in desired activities and engagement in meaningful occupations contributes to a satisfying life. It will also examine supports for, and barriers to participation and quality of life. The knowledge gained from this study about the personal experiences of students with disabilities can be used to improve services offered by numerous Offices of Disability Services on college campuses.

Activities to be performed by student: Will vary based on the project selected and student qualifications and interest, and may include, but are not limited to:

- Internet and library research to contribute to literature review and discussion of findings
- Discussion of materials researched and chosen study's progress
- Copying, scanning, collating, and distribution of study measures
- Data management and analysis
- Discussion of findings and their implications

Student qualifications:

- For Project 1, an interest in health care history and civil rights
- For both Projects, interest in disability rights and the full community participation of all
- Strong writing and research skills
- Competence in keyboarding and Word; Excel and SPSS competence is helpful.
- Strong oral communication skills
- Inquisitiveness, dependability, and self-initiation

Kania School of Management



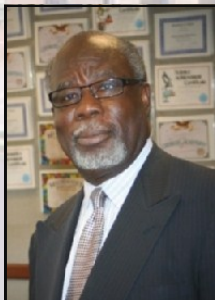
The Kania School at the University of Scranton offers highly innovative business programs enriched with the latest technological applications and sharply focused on educating the whole person for a lifetime of success.

This dual focus on being on the cutting-edge of scholarly teaching and following the Jesuit principle of 'Cura Personalis' informs and directs everything we do on behalf of our students.

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Business Leadership Program
Economics
Finance
Electronic Commerce
International Business
Marketing
Management
Operations and Information Management



Michael O. Mensah, Dean
Kania School of
Management

ECONOMICS & FINANCE



JOHN N. KALLIANIOTIS, Finance

Phone: (570) 941-7577

Email: ioannis.kallianiotis@scranton.edu

Office: BRN 310

(2 students)

Description of research activities:

Assessment on Research in International Finance, Exchange Rate, and EU.

Activities to be performed by student:

- Library search
- Collection of Data
- Analysis of Data, formation of tables and graphs
- Preparation of material for publication.

Student qualifications:

- Completion of Introductory courses in Economics and Business
- Willingness to handle and work on International Finance
- Willingness to spend considerable amounts of time at a computer working with different sources of information

MANAGEMENT & MARKETING

KIM DANILOSKI, Marketing

Phone: (570) 941-5823

Email: kim.daniloski@scranton.edu

Office: BRN 324

(2-3 students)

Description of research activities:

My research focuses on the impact of social processes on consumer judgments and decision making. I examine how different forms of learning from and comparing oneself to others impact consumer attitudes, intentions, and behaviors.

Activities to be performed by student:

- Depend on interest and qualifications, but may include assistance with:
 - Conducting literature reviews
 - Designing, constructing, and implementing surveys and experimentation
 - Entering and analyzing data
 - Preparing posters, conference papers, and journal manuscripts

Student qualifications:

- **Open to all majors**—may be of particular interest to marketing and psychology majors
- Preference given to students who have taken (or are currently taking) a research methods course (MKT 361, PSYC 330, or equivalent)
- Must complete the online CITI certification for human resources