

Environmental Sciences Program Affiliated Faculty (Updated 2/28/2012)

| Name | Section | Department | Research Interests | Web Page |
|--------------------|---------|--------------|--|--|
| Julie Holt | | Anthropology | Zooarchaeology (the archaeology of animal remains); human-animal interactions through time | www.siue.edu/artsandsciences/anthropology/Julieholt.shtml |
| Nancy Lutz | | Anthropology | Linguistic and Cultural Anthropology; Language/expressive culture and the relations between minority cultures and the state | www.siue.edu/artsandsciences/anthropology/nancylutz.shtml |
| Jennifer Rehg | | Anthropology | Primate behavior and ecology; Neotropical forest ecosystems, and wildlife conservation focusing on organism and community levels | www.siue.edu/artsandsciences/anthropology/JenRehg.shtml |
| Gregory Vogel | | Anthropology | Paleoenvironmental reconstruction and archaeological sites | www.siue.edu/artsandsciences/anthropology/Greg_Vogel.shtml |
| Elaine AbuSharbain | 003 | Biology | Environmental education, classroom environment, evaluation, in service teacher professional development | www.siue.edu/~eabusha/ |
| Kelly Barry | | Biology | Biology education, Biology teacher professional development, plant tissue culture and plant conservation, biotechnology curriculum development | www.siue.edu/~kbarry/ |
| Richard Brugam | 005 | Biology | Paleoecology, diatom ecology, pollen analysis, human disturbance and the developmental history of lakes, impacts of mining on lakes | www.siue.edu/~rbrugam/ |
| Paul Brunkow | 006 | Biology | Amphibian conservation ecology, effects of morphological variability on ecology | www.siue.edu/~pbrunko/ |
| Elizabeth Esselman | 013 | Biology | Plant conservation genetics, plant systematics and taxonomy | www.siue.edu/BIOLOGY/facultypages/esselman.htm |
| Richard Essner | 014 | Biology | Ecological and functional morphology | www.siue.edu/artsandsciences/biology/ressner/ |
| Tom Fowler | | Biology | Molecular genetics and cell signaling in fungi | Email: tfowler@siue.edu ; Tel: 618-650-5231 |
| Darron Luesse | | Biology | Molecular processes behind plant gravitropism and other environmental responses, intracellular signal transduction, plant physiology | www.siue.edu/~dluesse/ |
| Vance McCracken | | Biology | Gastrointestinal microbiology and mucosal immunology, Helicobacter pylori, inflammatory bowel disease, molecular | www.siue.edu/~vmccrac/ |

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| | | | approaches to microbial ecology | |
| Peter Minchin | 024 | Biology | Conservation biology, community ecology, restoration ecology, biostatistics | www.siu.edu/~pminchi/ |
| Aldemaro Romero | | Biology | Environmental biology; Cave biology, marine mammals, paleontology, environmental studies, and history and philosophy of science | www.siu.edu/~aromero/ |
| Kurt Schulz | 026 | Biology | Forest canopy-understory interactions, phenotype plasticity, morphological integration, restoration ecology | www.siu.edu/~kschulz/ |
| Jake Williams | | Biology | Animal physiology | Email: jasowil@siue.edu ; Tel: 618-650-2118 |
| Bob Dixon | 012 | Chemistry | Biological processes and macromolecular structure by employing probes at the molecular level | www.siu.edu/artsandsciences/chemistry/faculty/dixon/RobertDixonSp11.shtml |
| Sadegh Khazaeli | | Chemistry | Analytical chemistry | www.siu.edu/artsandsciences/chemistry/faculty/khazaeli/KhazaeliSp11.shtml |
| Michael Shaw | | Chemistry | Electrochemical and spectroelectrochemical properties of metal-alkyne complexes | www.siu.edu/artsandsciences/chemistry/faculty/shaw/MikeShawSp11.shtml |
| Susan Wiediger | 029 | Chemistry | Chemistry Education | www.siu.edu/artsandsciences/chemistry/faculty/wiediger/SusanDWiediger.shtml |
| Susan Morgan | 023 | Civil Engineering | Hazardous waste management and site remediation; Pollution abatement of hazardous waste, solid waste and storm water; Sustainable design and green engineering | www.siu.edu/engineering/siamcenter/Morgan.shtml |
| Jim Zhou | | Civil Engineering | Water and wastewater treatment processes analysis, design and optimization; Wastewater residuals and biosolids treatment and final disposal; Public works infrastructure | www.siu.edu/engineering/siamcenter/Zhou.shtml |
| Stephen Marlette | | Curriculum & Instruction | Science education (K-12); Informal education, middle school teacher inquiry, change theory inquiry and problem based learning | Email: smarlet@siue.edu ; Tel: 618.650.2131 |
| Mark Hildebrandt | 037 | Geography | Meteorology, climatology, hazards, statistics, polar and alpine environments | www.siu.edu/artsandsciences/geography/Hildebrandt.shtml |
| Shunfu Hu | | Geography | Geographic Information Systems (GIS), multimedia, remote sensing, hydrology, meteorology, cartography, physical | www.siu.edu/artsandsciences/geography/Hu.shtml |

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| | | | geography | |
| Randall Pearson | | Geography | Remote sensing and digital image processing, Geographic Information Systems, physical geology and geography | Email: rpears@siue.edu ; Tel: 618-650-5778 |
| Mike Starr | 038 | Geography | Physical geography, biogeography, zoogeography, island biogeography, conservation, field survey methods, effects of human impact on the environment | Email: mstarr@siue.edu ; Tel: 618-650-2492 |
| Robyn Berkley | | Management & Marketing | Human resources management and organizational behavior | www.siue.edu/~rberkle/ ; Email: rberkle@siue.edu |
| Denise Degarmo | 011 | Political Science | International Relations, Security, International Environmental Security, US Foreign Policy, International Organizations, and Palestinian Politics | www.siue.edu/~ddegarm/ |
| Andrew Theising | 031 | Political Science | Urban Politics, State Politics, American Politics, and Public Administration | www.siue.edu/~atheisi/ |
| Richard Bush | 009 | Public Administration & Policy Analysis | Nonprofit leadership and administration, Nongovernmental organizations (NGOs), service learning, environmental, healthcare, and technological public policy | Email: rbush@siue.edu ; Tel: 618-650-3762 |
| T.R. Carr | 010 | Public Administration & Policy Analysis | Public policy issues: Education reform, economic development, training local government officials, public sector GIS applications, and health care | Email: tcarr@siue.edu ; Tel: 618-650-3762 |
| Morris Taylor | 030 | Public Administration & Policy Analysis | Public policy analysis with a specialization in social Jurisprudence | Email: mortayl@siue.edu ; Tel: 618-650-3762 |
| Connie Frey-Spurlock | | Sociology & Criminal Justice | Sustainability, with emphasis on the social justice aspect; Eco-literacy, economic justice, and the relationship between humans and the natural environment | www.siue.edu/sociology/About/curriculumvitae/freyvita.html |
| Isaac Blankson | | Speech Communication | International and intercultural communication, public relations, media studies and electronic communication | www.siue.edu/~iblanks/ |