

**SUNY-ESF**  
**Department of Environmental Studies**  
**Annual Report**

**June 1, 2009 to May 31, 2010**

Dept. of Environmental Studies  
107 Marshall Hall  
SUNY-ESF  
1 Forestry Drive  
Syracuse, NY 13210-2787  
e-mail: [envsty@esf.edu](mailto:envsty@esf.edu); tel. +1.315.470.6636  
URL: <http://www.esf.edu/es>

July 29, 2010



# Contents

<b>EDITOR'S NOTE .....</b>	<b>V</b>
<b>1. TEACHING .....</b>	<b>1</b>
WORKLOAD SUMMARY BY FACULTY MEMBER .....	1
<i>Core Faculty</i> .....	1
<i>Visiting Faculty</i> .....	2
CURRICULUM CHANGES .....	3
<i>Undergraduate program</i> .....	3
<i>Graduate programs</i> .....	3
<i>Writing program</i> .....	4
AWARDS AND RECOGNITIONS.....	4
<b>2. RESEARCH/ SCHOLARSHIP.....</b>	<b>5</b>
PUBLICATIONS AND SCHOLARLY PRESENTATIONS (BY FACULTY MEMBER AND TYPE).....	5
SUMMARY OF GRANT ACTIVITY .....	5
FACULTY RESEARCH/ SCHOLARSHIP AWARDS AND RECOGNITION .....	9
<b>3. OUTREACH AND SERVICE .....</b>	<b>10</b>
GRANT PANEL SERVICE .....	10
EDITORIAL BOARD SERVICE .....	10
ACADEMIC/ AGENCY PROGRAM REVIEW PANELS.....	10
OTHER EXTERNAL OUTREACH AND SERVICE .....	10
COLLEGE SERVICE .....	11
OUTREACH AND SERVICE AWARDS AND RECOGNITIONS.....	11
<b>4. SERVICE-LEARNING .....</b>	<b>12</b>
CLL 190, WRITING AND THE ENVIRONMENT .....	12
CLL 291, WRITING, HUMANITIES, SERVICE AND THE ENVIRONMENT FOR HONORS STUDENTS .....	12
CLL 410, WRITING FOR ENVIRONMENTAL PROFESSIONALS .....	12
EST/EFB 220, URBAN ECOLOGY .....	13
OTHER COURSES.....	13
<b>5. GRADUATE STUDENTS .....</b>	<b>14</b>
NUMBER OF GRADUATE STUDENTS (BY PROGRAM AND DEGREE OBJECTIVE) .....	14
FUNDING OF GRADUATE STUDENTS (BY SOURCE AND DEGREE OBJECTIVE) .....	15
COURSES HAVING TA SUPPORT (WITH STUDENT ENROLLMENTS) .....	16
<b>6. GOVERNANCE STRUCTURE.....</b>	<b>17</b>
COMPONENTS, ASSIGNED TASKS, AND RESPONSIBILITIES .....	17
SUPPORTING OFFICES, DIRECTORS, AND COORDINATORS.....	18
<b>7. STUDENT LEARNING OUTCOMES ASSESSMENT.....</b>	<b>19</b>
B.S. IN ENVIRONMENTAL STUDIES.....	19
M.S. IN ENVIRONMENTAL STUDIES .....	19
M.P.S. IN ENVIRONMENTAL STUDIES .....	20
<b>8. PROGRESS ON OBJECTIVES FOR 2009-2010.....</b>	<b>22</b>
PROGRAM LEADERSHIP .....	22
ALUMNI MENTORING NETWORK .....	22

ENVIRONMENTAL STUDIES MASTERS PROGRAMS .....	23
LEARNING OUTCOME ASSESSMENT .....	23
DEVELOPMENT EFFORTS.....	24
<b>9. PROFESSIONAL EMPLOYEE PERFORMANCE PROGRAM AND ANNUAL EVALUATION.....</b>	<b>25</b>
<b>APPENDICES.....</b>	<b>26</b>
<b>APPENDIX A. ES FACULTY, BY PROGRAM, RANK, EDUCATION, AND INTERESTS.....</b>	<b>27</b>
<b>APPENDIX B. CORE FACULTY WORKLOAD ASSIGNMENTS, AY 2009/10 .....</b>	<b>31</b>
<b>APPENDIX C. FACULTY PUBLICATIONS .....</b>	<b>32</b>
<b>APPENDIX D. OTHER FACULTY PUBLICATIONS AND OUTREACH MATERIALS.....</b>	<b>35</b>
<b>APPENDIX E. PRESENTATIONS BY ES FACULTY AT PROFESSIONAL MEETINGS .....</b>	<b>37</b>
<b>APPENDIX F. PUBLIC AND PROFESSIONAL PRESENTATIONS BY ES FACULTY.....</b>	<b>39</b>
<b>APPENDIX G. ENVIRONMENTAL STUDIES FACULTY CITATIONS .....</b>	<b>41</b>
<b>APPENDIX H. FACULTY RESEARCH AND CREATIVE GRANT ACTIVITY .....</b>	<b>42</b>
<b>APPENDIX I. ADDITIONAL FACULTY SERVICE AND OUTREACH ACTIVITIES.....</b>	<b>45</b>
<b>APPENDIX J. FACULTY SERVICE ACTIVITIES AT ESF .....</b>	<b>48</b>
<b>APPENDIX K. TOP DEPARTMENTAL WEBSITE PAGE VIEWS.....</b>	<b>50</b>
<b>APPENDIX L. DISSERTATIONS, THESES, PROJECTS COMPLETED .....</b>	<b>51</b>
<b>APPENDIX M. NEW GRADUATE STUDENTS, FALL 2010.....</b>	<b>52</b>

## **Editor's Note**

This annual report was compiled by David Sonnenfeld, Chair, Department of Environmental Studies during the reporting year, based on data received from departmental faculty and College administrative staff. It includes information related to both the Environmental Studies graduate and undergraduate programs, and the ESF Writing Program, administered through the Department. Individual faculty reports were not received from Brenda Nordenstam or Susan Senecah, both of whom were on leave during the 2009/10 academic year. Any scholarly accomplishments either may have had during this period thus are not included herein.

## 1. Teaching

In 2009/10, Department of Environmental Studies faculty (tenure-track and visiting) were responsible for a combined total of 7,005 student contact hours of instruction, *an increase of approximately 6% from the previous reporting year*. Of the combined total student contact hours for the current reporting year, 86% (6,044) were undergraduate student contact hours, and 14% (961) were graduate student contact hours. During the current reporting year, core tenure-track faculty were responsible for teaching a combined total of about 45% (3,186) of all departmental student credit hours, while visiting faculty taught about 55% (3,819) of all student credit hours; the respective numbers were 40% (2,634) and 60% (4,003) in the previous reporting year.

### *Workload summary by faculty member*

The tables below, from the Faculty Workload Report (3/2/2010) by Dr. Maureen Fellows, summarize the number of students multiplied by the number of credit hours for courses categorized as Research (e.g., EST 498, 798, 899, 999), Problems/Seminars (e.g., EST 420, 495, 797), and regular classes. The first number in each column is for undergraduate credit hours, the second for graduate. Co-taught courses yield the number of credit hours for that course divided by number of instructors. All student contact hours accountable to the individual faculty member are credited, regardless of course prefix. The boldfaced numbers in parenthesis in the first column are the ranking of total student credit hours for the reporting year among core faculty members.

#### CORE FACULTY

<i>Name</i>	<i>Research</i>		<i>Problems/Seminars</i>		<i>Other Classes</i>		<i>Total</i>
	<b>U</b>	<b>G</b>	<b>U</b>	<b>G</b>	<b>U</b>	<b>G</b>	
DeBaise, J. <b>(7)</b>	27	0	0	0	259	0	286
Hall, M. <b>(4)</b>	0	24	0	0	354	21	399
Jager, D. <b>(8)</b>	26	0	0	0	153	0	179
Lawler, P. <b>(5)</b>	31	12	0	1	271	12	327
Manno, J. <b>(1)</b>	13	53	3	7	392	73	541
Meisner, M. <b>(3)</b>	3	26	0	0	267	105	401

Moran, S. (2)	3	21	0	6	309	77	416
Nordenstam, B. (12)*	0	0	0	0	0	0	0
Senecah, S. (11)*	0	7	0	9	0	0	16
Smardon, R. (6)	10	40	0	18	113	122	303
Sonnenfeld, D. (10)	6	19	0	1	17	83	126
Whitmore, B. (9)	3	0	42	0	114	6	165
<b>Subtotals</b>	<b>122</b>	<b>209</b>	<b>45</b>	<b>58</b>	<b>2253</b>	<b>499</b>	<b>3186</b>

VISITING FACULTY

<i>Name</i>	<i>Research</i>		<i>Problems/Seminars</i>		<i>Other Classes</i>		<i>Total</i>
	<i>U</i>	<i>G</i>	<i>U</i>	<i>G</i>	<i>U</i>	<i>G</i>	
Bushnell, P.	0	0	0	0	222	0	222
Cleveland, K.	0	0	0	0	267	0	267
Courtright, C.	0	0	0	0	308	0	308
Dobbins, H.	0	0	0	0	300	81	381
Dodson, K.	1	0	0	0	114	0	114
Felleman, J.	0	3	0	0	0	0	3
Fitzsimmons, M.	0	0	0	0	252	0	252
Gabriel, W.	0	0	0	0	204	0	204
Hansen, B.	0	0	0	0	48	0	48
Hogan, B.	0	0	0	0	258	0	258
Hosmer-Briggs, M.	0	2	0	0	0	30	32
Joyal, T.	0	0	0	0	72	12	84
Keenan, M. A.	0	0	0	0	645	6	651
Kurlandsky, R.	0	0	0	0	87	0	87
McGrath, T.	0	0	36	0	267	6	309
Stavenhagen, K.	0	0	0	0	129	0	129
Swords, D.	0	0	0	0	0	36	36
Tarnow, M.	3	0	0	0	117	0	120
Thorley, S.	0	0	0	0	66	0	66
Wagner, D.	0	0	0	0	129	3	132
Yafchak, M. F.	0	0	0	0	96	0	96
<b>Subtotals</b>	<b>3</b>	<b>5</b>	<b>36</b>	<b>16</b>	<b>3585</b>	<b>174</b>	<b>3819</b>

---

\* On leave 2009/10

## *Curriculum Changes*

### UNDERGRADUATE PROGRAM

No curriculum changes were made in the B.S. in Environmental Studies program during this reporting period. Major changes to the program and two of its option areas made in the previous academic year were implemented: the newly redefined and expanded option areas in Environmental Communication, Culture & Writing; and in Environmental Policy, Planning & Law; and the new Senior Seminar in Environmental Studies (EST 494) capstone course. In conjunction with the latter, the Environmental Studies Alumni Mentoring Network was launched successfully on a pilot basis, for students in EST 494.

### GRADUATE PROGRAMS

Changes were made to both the M.S. and M.P.S. in Environmental Studies programs during the reporting year. Beginning in fall 2010, students entering the M.S. in Environmental Studies program will be required to take a new course, EST 603, Research Methods and Design, in their first semester. In preliminary assessment of the new program, which just completed its second year, it was determined that the 1 credit hour spring research seminar, EST 797, Environmental Studies Research Seminar, was allowed insufficient time and training to prepare students in the M.S. program to design and carry out their thesis research in the summer between the two years of the program.

Beginning in fall 2010, the number of required courses in the M.P.S. in Environmental Studies program was reduced from six to two, with students selecting an additional four courses from a list of directed electives in consultation with their adviser. The two required courses are EST 600, Foundations of Environmental Studies; and EST 626, Concepts and Principles of Sustainable Development. This change was made following preliminary assessment of student learning outcomes in the fledgling, two-year-old program.



## WRITING PROGRAM

Faculty in the ESF Writing Program, administered through the Department of Environmental Studies, successfully proposed a new Minor in Environmental Writing and Rhetoric, to be offered to students across the College beginning fall 2010.

### *Awards and Recognitions*

Environmental Studies and affiliated students, both undergraduate and graduate, continued their strong record of receipt of ESF awards and scholarships during the 2009/10 academic year.

## 2. Research/ Scholarship

### *Publications and Scholarly Presentations (by faculty member and type)*

Each core departmental faculty member's number of refereed scholarly publications or creative works, and presentations at professional meetings for the current reporting year were as follows:

<i>Name</i>	<i>Title</i>	<i>Refereed Publications</i>	<i>Prof. Present.</i>	<i>Total</i>	<i>Rank</i>
DeBaise, Janine	Instructor	1	3	4	5
Hall, Myrna	Research Associate	1	6	7	2
Jager, Dawnelle	Instructor	0	1	1	9
Lawler, Patrick	Associate Professor	20*	3	23*	1
Manno, Jack	Associate Professor	3	3	6	4
Meisner, Mark	Assistant Professor	0	4	4	5
Moran, Sharon	Assistant Professor	2	4	7	2
Smardon, Richard	Professor	2	2	4	5
Sonnenfeld, David	Professor	1	0	1	9
Whitmore, Benette	Instructor	1	2	3	8
	TOTALS	12	28	40	
	Means	1.2	2.8	4	

Publication figures include refereed scholarly and creative publications published and formally announced as "in press" during the period, June 1, 2009 – May 31, 2010.

Appendix C lists refereed scholarly and creative works by Departmental faculty members published and formally "in press" during the current reporting year. Non-refereed faculty publications and outreach materials are listed in Appendix D. Presentations by ES faculty at professional meetings are shown in Appendix E; and at other public and professional venues, in Appendix F.

### *Summary of Grant Activity*

Sections "a", and "b", below, reflect official grant activity by departmental faculty from July 1, 2009, through June 30, 2010, as administered through ESF's Office of Research Programs. In addition,

---

\* Includes poems and one book chapter; not included in totals or means.

Environmental Studies faculty submitted applications for a number of other research/ scholarship initiatives that are not reflected in Office of Research Programs data; these submissions are enumerated in section "c".

a. Active research grants. During the current reporting period, Environmental Studies faculty were credited with a total of 1.47 active research grants, for a total of \$92,120, with an average per project of \$18,424. This compares to the previous three years as follows:

<i>Year</i>	<i>Active Grants</i>	<i>Project Avg</i>	<i>Total Amts</i>
2009/10	1.47	\$18,424	\$92,120
2008/09	11.45	\$10,128	\$115,967
2007/08	14.75	\$18,318	\$270,187
2006/07	15.59	\$12,832	\$200,017

Individual faculty and departmental grant totals for the 12-month period ending June 30, 2010, were as follows:

<i>Faculty/ Unit</i>	<i>Credited Grants</i>	<i>Credited Amounts</i>	<i>Credited Direct</i>	<i>Credited Indirect</i>	<i>IC:DC Ratio</i>
Hall, Myrna	0.09	\$27,273	\$18,950	\$8,323	43.92%
Meisner	1.00	6,302	6,302	0	0%
Nordenstam, Brenda	0.09	27,273	18,950	8,323	43.92%
Smardon, Richard	0.29	31,273	22,950	8,323	36.27%
Dept. of Env. Studies	1.47	\$92,120	\$67,151	\$24,969	37.20%

b. New research proposals. From July 1, 2009, through June 30, 2010, Environmental Studies faculty are credited by the Office of Research Programs with the equivalent of 7.28 research proposals, for a total amount of \$1,414,616; the average amount of proposals in the current reporting year was \$194,424. This compares to the previous three years as follows:

<i>Year</i>	<i>New Proposals</i>	<i>Project Avg</i>	<i>Total Amts</i>
2009/10	7.28	\$194,424	\$1,414,616
2008/09	3.72	328,436	1,220,688
2007/08	2.92	17,910	52,238
2006/07	4.84	40,882	204,411

Individual faculty and departmental grant proposal submission activities for the 12-month period ending June 30, 2010, were as follows:

<i>Name</i>	<i>Credited Number</i>	<i>Credited Amount</i>	<i>Credited Direct</i>	<i>Credited Indirect</i>	<i>IC:DC Ratio</i>
Felleman, John	.25	\$4,885	\$4,885	\$0	0%
Hall, Myrna	.33	7,505	4,873	2,632	21.87%
Hogan, Elizabeth	.14	27,492	22,558	4,934	21.87%
Lawler, Patrick	.10	43,164	27,669	15,495	56.00%
Manno, Jack	1.00	999,985	671,264	328,721	48.97%
Meisner, Mark	1.00	6,302	6,302	0	0%
Moran, Sharon	3.00	89,883	65,856	24,027	36.48%
Smardon, Richard	.45	91,212	60,223	30,989	51.46%
Sonnenfeld, David	1.00	144,238	98,739	45,499	46.08%
Dept. of Env. Studies	7.28	\$1,414,666	\$962,370	\$452,296	47.00%

c. Other grant proposals. In addition to those submitted through the ESF's Office of Research Programs, other proposals submitted by departmental during the current reporting period include:

**Myrna Hall** was part of a successful collaborative grant application submitted to the Government of Argentina for a major, \$1 million project entitled "An Environmental Basis for Rural Planning in the Province of Cordoba, Argentina". Her portion of the

award will support travel, per diem, and tuition for an Argentine student to study at ESF. PIs were Oscar Giayetto and Juan-Jose Cantero (PIs). The project will run for three years, from May 2010 to May 2013.

**Patrick Lawler** applied for creative writing grants totaling \$62,000, to the John Simon Guggenheim Memorial Foundation, the National Endowment for the Arts, and the New York Foundation of the Arts. The proposals were unsuccessful.

**Jack Manno** (with Robin Kimmerer, PI, et al.) resubmitted a pre-proposal for an NSF IGERT project, entitled, "Helping Forests Walk: Coupling Scientific and Traditional Knowledge to Build Resilience in Coupled Natural and Human Systems Facing Environmental Change" (amount to be determined).

**Jack Manno** proposed funding in the amount of \$17,500, for a project entitled "Emerging Cross-Cultural Alliances for Sustainability in North America/Turtle Island", to the North American Research Linkages Program of Canada's Ministry of Foreign Affairs and International Trade. The proposal is pending.

**Mark Meisner** participated in a major, \$5 million, collaborative grant proposal entitled, "Addressing Climate Change at the Local Level: Public Officials, Collaborative Governance, and Decision Making Under Uncertainty", submitted through Syracuse University to the National Science Foundation's Decision Making Under Uncertainty Program. Principle Investigators included Pete Wilcoxon, Rosemary O'Leary, Bruce Dayton, Catherine Gerard, and Kirk Emerson. The proposal was not successful.

**Sharon Moran** and **Wendong Tao** received \$5,000 from Syracuse University's Sustainable Business Program for a collaborative summer research project entitled, "Sustainable Struvite Recovery from Anaerobically Digested Dairy Manure".

**Sharon Moran** submitted a proposal for "Enhancing Outreach about Onsite Wastewater Options in Lakeside Communities" in the amount of \$90,923, to the US EPA's Great Lakes Research Initiative. The proposal is pending.

**Sharon Moran** submitted a proposal entitled, "Understanding User Perceptions for Improved Outreach in Addressing Rural Wastewater Challenges," in the amount of \$10,000, to the Syracuse Center of Excellence's Environmental Finance Center. It was declined.

**Richard Smardon** (with Dave Eichorn, Rick Beal and Chuck Spuches) received \$20,000 from the Kaufman Foundation in support of the development and delivery of a new, graduate-level course, entitled "Climate Change and the Impact on Not-for-Profit Organizations".

See Appendix H for a comprehensive listing of active grants and new applications, by individual faculty member.

*Faculty Research/ Scholarship Awards and Recognition*

None during the current reporting year

### 3. Outreach and Service

Environmental Studies faculty members engage in a wide variety of outreach and service activities involving professional organizations, public agencies, local communities, as well as the ESF/Syracuse University campus community. Highlighting of individual faculty member outreach and professional service activities follow, below. Additional individual faculty service and outreach activities are included in Appendix I.

#### *Grant panel service*

Saltonstall Residency Fellowship Competition – Patrick Lawler

#### *Editorial board service*

CravenKerry Press – Patrick Lawler <sup>1</sup>

*Environmental Communication* – Mark Meisner & Susan Senecah

*Environmental Science & Policy* – Richard Smardon

*International Journal of Applied Environmental Sciences* – Richard Smardon

*International Journal of Institutions and Economies* – David Sonnenfeld <sup>2</sup>

*International Journal of Sustainable Society* – David Sonnenfeld

*Landscape and Urban Planning* – Richard Smardon

Many Mountains Moving Press – Patrick Lawler

*The Scientific World Journal: Environmental Science and Policy* – Richard Smardon

*Society and Natural Resources* – Susan Senecah, David Sonnenfeld

#### *Academic/ agency program review panels*

Columbia-Greene Community College, A.S. Environmental Studies program – David Sonnenfeld

University of Malaya, Faculty of Economics and Administration, Undergraduate Program in Politics and Administration – David Sonnenfeld

#### *Other external outreach and service*

American Sociological Association, Section on Environment and Technology, Secretary-Treasurer (elected) – David Sonnenfeld

Arizona State University, School of Human Evolution and Social Change, Promotion & Tenure Review, External Referee – David Sonnenfeld

Association for Environmental Studies and Sciences, Publications Committee, Chair – Sharon Moran

Association for the Study of Literature and the Environment, Executive Committee (elected) – Janine DeBaise

Central New York Land Trust, Editorial Consultant – Sharon Moran

---

<sup>1</sup> Artistic advisory board

<sup>2</sup> Advisory member

Central New York Land Trust, Executive Board – Richard Smardon  
Central New York Native American Studies Consortium, ESF Representative – Jack Manno  
Ecological Society of America, Student Posters and Presentations Judge – Myrna Hall  
Environmental Communication Network, Director – Mark Meisner  
Environmental Studies Association of Canada, Network Coordinator – Mark Meisner  
International Environmental Communication Association, Task Force To Create a New, Sub-Group Chair – Mark Meisner  
International Wetlands Coordinating Council – Richard Smardon  
Iowa State University, Dept. of Sociology, Promotion & Tenure Review, External Referee – David Sonnenfeld  
Legal Institute of the Great Lakes, University of Toledo Law School, Board of Directors – Richard Smardon  
Matilda Joslyn Gage Foundation, Board of Directors, President – Jack Manno  
National Association of Environmental Professionals, Education Research and Science Working Group, Chair – Richard Smardon  
National Pen Women, Poetry and Drama Contest – Patrick Lawler  
New York State Environmental Excellence Public Service Awards – Richard Smardon  
New York State Great Lakes Basin Advisory Council, Chair (appointed) – Richard Smardon  
New York State Oceans and Great Lakes Ecosystem Conservation Council, Great Lakes Working Group – Jack Manno  
New York State Oceans and Great Lakes Ecosystem Conservation Council, Science Advisory Group – Jack Manno  
Onondaga County Resource and Recovery Agency, Governing Board (appointed); Greenhouse Gas Advisory Committee; Outreach Subcommittee, Chair – Richard Smardon  
Onondaga Nation, Environmental Advisory Group, Chair – Jack Manno  
SUNY Buffalo, Great Lakes Program, Advisory Board – Richard Smardon  
University of Louisville, Fiction Competition – Patrick Lawler  
West Chester University, Poetry Contest – Patrick Lawler

### *College service*

Department of Environmental Studies faculty members are extensively involved in Faculty Governance, other committees and service at ESF. Such involvements for the current reporting year are listed in Appendices I and J.

### *Outreach and service awards and recognitions*

None in this reporting year.



#### 4. Service-Learning

Core Environmental Studies faculty identified four courses with service learning components during the reporting year:

##### *CLL 190, Writing and the Environment*

- **Janine DeBaise** writes: "First year students are required to participate in a community service project, and we integrate this into the course CLL 190 by asking students to write a reflection paper on the service they did. It's not a major part of the course, but ... supports what the Office of Student Life does."
- **Pat Lawler** writes: "ESF in High School [CLL 190, offers] coordinated activities, workshops, and mentoring opportunities."

##### *CLL 291, Writing, Humanities, Service and the Environment for Honors Students*

- **Dawnelle Jager** writes: "Community Service with various local food pantries coordinated with Elizabeth Mix, ESF Service Learning Coordinator. Estimated instructor input: 4 hrs. per week x 15 weeks = 50 hours. Includes coordination of service learning individual student projects and hours at community site; organizing transportation; reading and evaluating writing projects written in conjunction with service learning work; planning, cooking and serving organic dinner with students enrolled in the course at instructor's house."

##### *CLL 410, Writing for Environmental Professionals*

- **Benette Whitmore** writes: "Each student ... performed 20 hours of service and engaged in writing projects to benefit their service sites. This equates to some 400 hours of community service accomplished by my CLL 410 students in the fall semester. Service sites included Beaver Lake Nature Center, the SPCA, Atlantic States Legal Foundation, the Syracuse City School District, Westcott Community Center, and Maxman Reptile Rescue. Students created a range of

writing projects for these organizations, including proposals, reports, manuals, brochures, and websites. Since I began teaching CLL 410 as a service learning course ten years ago, my students have dedicated more than 7,500 hours of community service in conjunction with this course. Many have gone on to pursue graduate studies or to secure professional employment related to these experiences."

*EST/EFB 220, Urban Ecology*

- **Myrna Hall** writes: "Students prepare[d] position papers and posters to present to the DEC relicensing board review of the Onondaga County Resource Recovery Act, Covanta Waste to Energy Plant... [and] test[ed] soils for lead on the site of proposed new community garden planned by the Alchemical Nursery Project on the Near West Side... The additional time I spent on these activities was about 10 hours, making arrangements, time spent on site, presenting papers, etc."

*Other Courses*

The following courses, taught by visiting faculty during the current reporting year, may also have service learning components:

- CMN 493, Environmental Communication Workshop (Khristopher Dodson)
- EST 353, Environmental Psychology (Michele Tarnow)
- EST 460/660, Land Use Law (Thane Joyal)
- EST 550, Environmental Impact Analysis (Peter Black)

\* \* \*

Additional information has been requested from the above faculty members regarding service activities completed and their estimated inputs for each course.

## 5. Graduate Students

*Number of graduate students (by program and degree objective)*

Twenty new departmentally-affiliated graduate students commenced studies at ESF in fall 2009. This included 13 new students (7 M.S., and 6 M.P.S.) in the department's new Environmental Studies masters programs; 5 new students (1 Ph.D., 2 M.S., and 2 M.P.S.) in the college-wide Graduate Program in Environmental Science (GPES); and 2 new students in the interdepartmental Environmental and Natural Resources Policy (ENRP) doctoral program. These new students joined 44 continuing graduate students, for a total of 64 departmentally-affiliated graduate students in fall 2009.<sup>3</sup> Graduate student distribution by program was as follows:

<i>Graduate Program</i>	<i>Fall 2009</i>	<i>Dec. Degree Recipients</i>	<i>Spring 2010</i>	<i>May Degree Recipients</i>
Environmental Studies (MS)	13 (20%)	--	12 (20%)	--
Environmental Studies (MPS)	9 (14%)	--	9 (15%)	2
Environmental Science (MS)	11 (17%)	3	9 (15%)	--
Environmental Science (MPS)	6 (9%)	1	5 (8%)	--
Environmental Science (PhD)	16 (25%)	1	15 (25%)	1
Environmental and Natural Resources Policy (PhD)	9 (14%)	1	9 (15%)	--
<b>TOTALS</b>	<b>64</b> (100%)	<b>6</b>	<b>59</b> (100%)	<b>3</b>

Six departmentally-affiliated students completed their graduate degrees in August or December 2009; another three, by May 2010. Graduates are listed in Appendix L, with thesis/ project titles.

---

<sup>3</sup> In addition to students enumerated here, Myrna Hall is co-MP to one doctoral student in Environmental and Forest Biology, and two graduate students (one doctoral and one masters) in Forest and Natural Resources Management.

*Funding of graduate students (by source and degree objective)*

Slightly more than half (56%) of all departmentally-affiliated graduate students received financial support during the current reporting year, with a little over one-third (37.5%) receiving at least partial funding in the form of a state Graduate Assistantship (GA). GA awards ranged from 0.25 FTE<sup>4</sup> (10 hrs./wk, one semester) to 1.0 FTE (20 hrs./wk, two semesters). Eight graduate students are estimated to have enjoyed external fellowship support, most notably through the Fulbright program. Estimated figures for the current reporting year are summarized in the table below, with the number of students receiving awards followed (in parentheses) by the combined full-time equivalents (FTE) of such awards.

<i>Degree</i>	<i>GA</i> <sup>1</sup>	<i>RPA</i>	<i>Int'l Fellowship (Ford, Fulbright, etc.)</i>	<i>Other</i>	<i>Received No Support</i> <sup>3</sup>	<i>Total Supported</i> <sup>2</sup>
<i>Ph.D.</i>	11 (8.0)	3 (1.5)	3 (3.5)	1 (1.0)	7	18 (14.0)
<i>M.S.</i>	11 (5.25)	-	3 (3.0)	1 (0.5)	10	15 (8.75)
<i>M.P.S.</i>	4 (1.00)	-	2 (2.0)	-	8	6 (3.0)
<i>Totals</i>	<b>24</b> (14.25)	<b>3</b> (1.5)	<b>8</b> (8.5)	<b>2</b> (1.5)	<b>25</b>	<b>39</b> (25.75)

<sup>1</sup> Includes students receiving GAs from other programs and units.

<sup>2</sup> Six students received more than one type of award; a total of 34 students received support.

<sup>3</sup> Includes students working off-campus on their dissertations and theses, and students who completed their degrees in summer 2009.

---

<sup>4</sup> Full-time equivalent

*Courses having TA support (with student enrollments)*

Courses taught out of the Department of Environmental Studies<sup>5</sup> with teaching assistant (GA) support are listed below by semester, with enrollments:

FALL 2009

<b><i>Course</i></b>	<b><i>TAs</i></b>	<b><i>Enrollment</i></b>
CMN 220 Presentation Skills	1	45
EST 132 Intro to Environmental Studies	1	59
EST 200 Cultural Ecology	2	100
EST/EFB 220 Urban Ecology	1 <sup>6</sup>	37
EST 221 Intro. to American Government	1	50
EST 245 Nature/Popular Culture	1.5	71
EST 361 Hist. Environmental Movement	1	59
Writing Resource Center	1.5	40 (est.)

SPRING 2010

<b><i>Course</i></b>	<b><i>TAs</i></b>	<b><i>Enrollment</i></b>
CMN 220 Presentation Skills	0.5	60
EST 200 Cultural Ecology	3	115
EST 201 American History	1	74
EST 231 Environmental Geology	0.5	68
EST 321 Gov't and the Env.	1	53
EST 390 Social Processes & the Env.	1	67
Writing Resource Center	1.5	40 (est.)

---

<sup>5</sup> Not included in this list is ESF 300, taught by Myrna Hall, which receives TA support through the Graduate Program in Environmental Science

<sup>6</sup> Includes 0.50 TA provided by EFB

## 6. Governance Structure

### *Components, Assigned Tasks, and Responsibilities*

Departmental faculty met regularly as a whole once or twice a month during the reporting year, on a regular, TuTh 3:30-5:00 pm schedule. Primary participants in these meetings are the tenure-track faculty and student representatives; visiting faculty are invited to numerous meetings, as feasible given the primary topics to be discussed. Madison Quinn (graduate) and Daniel Fabian (undergraduate) served as student representatives to the regular departmental meetings in 2009/10.

The Department's primary standing committees also met regularly:

- *Undergraduate Studies Committee* – responsible for overseeing and further developing the Dept's undergraduate program, including its three Option Areas; learning outcome assessment; undergraduate student advising; undergraduate student recruitment; and other duties (R. Smardon, chair; C. Hall, D. Jager, P. Lawler, J. Manno, M. Meisner, faculty members; P. Carroll, M. Carpenter, student members)
- *Graduate Studies Committee* – tasked with overseeing and coordinating the Dept.'s involvement in various departmental and interdepartmental graduate programs; graduate recruitment and admissions; awarding of Graduate Assistantships; graduate program development and implementation; learning outcome assessment; and other duties (J. Manno, chair; M. Hall; S. Moran; R. Smardon; D. Sonnenfeld, faculty members; N. Pasi, B. Takahashi, student members)
- *Writing Program Council* – (B. Whitmore, chair; J. DeBaise, D. Jager, B. Whitmore, B. Hogan; C. Courtwright, faculty members; student member: K. Cleveland)

A fourth standing committee, the *Qualified Faculty Committee*, ceased functioning due to minimal participation.

*Supporting Offices, Directors, and Coordinators*

Departmental Secretary (C. Crysler/ J. Buczek)<sup>7</sup>

Graduate Support Assistant (P. Gibeault, 0.50 FTE)<sup>8</sup>

BS Environmental Studies Program (R. Smardon, Acting Coordinator)

BS Environmental Studies Option Coordinators

*Environmental Communication, Culture & Writing (M. Meisner)*

*Environmental Policy, Planning & Law (R. Smardon)*

*Biological Science Applications (C. Hall)*

MS/MPS Environmental Studies Programs (J. Manno, Coordinator)

Writing Program (B. Whitmore, Director)

Writing Resource Center (D. Jager, Coordinator)

Randolph G. Pack Environmental Institute (D. Sonnenfeld, Director)

---

<sup>7</sup> C. Crysler retired on February 17, 2010; J. Buczek joined the Department the next day.

<sup>8</sup> Position eliminated, effective December 1, 2010.

## **7. Student Learning Outcomes Assessment**

During the current reporting year, first steps were taken to implement the Department's new learning outcome assessment plans for its undergraduate and graduate academic programs.

### *B.S. in Environmental Studies*

Identified tasks for Year 1 of a four-year cycle of learning outcome assessment activities for the Department's undergraduate program included gathering data from two courses, EST 132, Introduction to Environmental Studies; and CLL 290, Writing, Humanities, and the Environment, for evaluation of how well students are learning Outcome 1: Critical Thinking, and Outcome 2: Communication. Data were collected in both courses, as planned. For EST 132, taken in students' first semester in the program, data will be useful in establishing baseline measurements of student abilities in these two areas. For CLL 290, typically taken in students' fourth semester, data will help delineate incremental improvements in student abilities in these two areas after two years at ESF.

A new course, EST 494, Senior Seminar in Environmental Studies, which will play an integral role in Learning Outcome Assessment for the Department's undergraduate program, was taught for the first time during the current reporting year. A key future component of assessment efforts for the undergraduate program was developed for the first time in pilot form in this course: the Environmental Studies Student Portfolio, including works from throughout students' years at ESF.

### *M.S. in Environmental Studies*

Basic, diagnostic data was collected as planned in EST 600, Foundations of Environmental Studies, a key, baseline evaluation collection point for the Department's graduate programs; and in EST 796, Environmental Studies Seminar, a course taken in students' second semester, wherein students develop a preliminary thesis research proposal. Continued efforts were made to develop a student portfolio, including their Plan of Study, thesis proposal, usually in the second or third semesters; and thesis. Observation data from student capstone presentations was collected on a pilot basis.



*M.P.S. in Environmental Studies*

In the fall, data were collected as planned in EST 600, Foundations of Environmental Studies, a key, baseline evaluation collection point for the Department's graduate programs. Data also were collected from students in EST 626, Concepts and Principles of Development, the key required course to demonstrate students' learning of concepts of Outcome 2: Sustainability; Outcome 3: Natural Science; and Outcome 5: Integrative Thinking and Application. In the spring, data were collected from another required course, EST 612, Environmental Policy and Governance, for evaluation of student learning on Outcome 2: Sustainability; and Outcome 6: Communication Skills. Efforts were made to develop student portfolios for program evaluation, including a Plan of Study, synthesis project proposal, and ultimately, project report. Observation data from student capstone presentations was collected on a pilot basis.

Now that initial student learning outcome assessment data have been collected, the Department must a) decide how to evaluate that data; and b) based on that evaluation, determine how to improve ongoing data collection. Some data collection procedures need further discussion and development: for example, the graduate capstone presentation observation procedures collection piloted during the reporting year were not sufficiently communicated or understood by either students giving their capstone presentations or their faculty advisers.

Further implementations and modifications of the Department's Student Learning Outcome Assessment plans are planned for the coming academic year:

- New information will be presented to incoming students in EST 132, Introduction to Environmental Studies, regarding maintenance and preparation of Environmental Studies Student Portfolios. This will be based in part on the experience in EST 494, Senior Seminar in Environmental Studies, during the current reporting year.
- Now that the Department has data from CLL 290, it needs to determine how to evaluate it, and towards what ends. More generally, evaluation rubrics need to be

developed for program-level assessment of student learning outcomes for all data collected.

- Learning outcome assessment plans the Department's graduate programs (M.S. and M.P.S. in Environmental Studies, respectively) need to be updated to reflect changed curriculum requirements for both.

One other area in which the Department made significant, initial progress in implementing Learning Outcome Assessment plans was the upgrading and acquisition of document scanning equipment. This will allow development of electronic student portfolios and other outcome assessment data sources. Further evaluation and decisions will need to be made in how best to organize, store, and access such digitized data.

## **8. Progress on Objectives for 2009-2010**

Top departmental priorities going into the 2009/10 academic year included strengthening departmental academic leadership, staff and organization; developing an alumni mentoring network for the BS in Environmental Studies program; further developing the Department's new masters programs; implementing learning outcome assessment plans for all programs; and greater attention to departmental development efforts. Notable progress was made in strengthening leadership of departmentally-based academic programs; successfully launching a pilot Alumni Mentoring Network; fortifying the department's new masters programs; implementation learning outcome assessment plans; and focusing on development efforts.

### *Program leadership*

In Fall 2009, Jack Manno assumed the role of Graduate Studies Coordinator, with a multi-year commitment to the position. This was an important step forward in strengthening and solidifying the Department's academic program leadership. Manno took the lead throughout the year in a variety of initiatives, including monthly, Friday afternoon 'conversations'; the development of pilot grad student academic progress reports; working closely with Graduate Program in Environmental Science Coordinator, David Johnson, throughout the graduate admissions and recruiting process; and more.

Progress in establishing strong, ongoing leadership of the Department's undergraduate program has taken a little longer, but is making important headway. During the current reporting year, Richard Smardon served as Acting Coordinator of the undergraduate program. In a new Departmental role, Patrick Lawler stepped forward to lead the administratively mandated undergraduate program review self-study. He will serve as Undergraduate Studies Coordinator beginning in August 2010.

### *Alumni Mentoring Network*

A new ESF Environmental Studies Alumni Mentoring Network was developed on a pilot basis in AY 2009/10, in conjunction with the new senior capstone course, EST 494, Senior Seminar in Environmental Studies. Departmental workstudy student assistant, Sandy Ficula, worked with the

Department Chair in contacting departmental alumni living within two hours drive from Syracuse, among a longer list of alumni who had previously indicated that they would be interested in volunteering in support of the department and its programs. Thirteen students participated in the course; each was paired up with an alumni mentor, with whom they met at least once during the spring semester. By all reports this was a highly successful pilot implementation. The challenge now is ensuring that the Network is institutionalized, continuing routinely in coming years. The ultimate goal is to extend it to include all upper division Environmental Studies majors.

#### *Environmental Studies masters programs*

Based on an end-of-year review after the first year of the Department's new Environmental Studies masters programs, several curriculum changes were developed, formally proposed, approved, and implemented during the current reporting year. Beginning in fall 2010, all incoming M.S. in Environmental Studies students will be required to take a new, graduate course, EST 603, Research Methods and Design, in their first semester at ESF; another required course, EST 626, Concepts and Principles of Sustainable Development, has been shifted to the spring semester. New, incoming M.P.S. in Environmental Studies graduate students will have greater flexibility in selecting courses related to their interests and professional career objectives.

In addition to the above curricular changes, the Department implemented for the first time a formal reporting system for affiliated graduate students. This new procedure was helpful in encouraging students to be more fully aware of the expected deliverables and timelines for their respective graduate programs. This report will be continued in the coming year, likely moved up to the end of the calendar year to provide timely input to the Graduate Assistantship awarding process for the following year. Continued efforts are required to ensure that departmentally affiliated graduate students complete all necessary requirements on a timely basis.

#### *Learning outcome assessment*

(See Section 7, Student Learning Outcomes Assessment)

*Development efforts*

The Department successfully completed the initial phase of establishing and raising funds for a flexible development account to meet the ongoing needs of the Department and its programs. The occasion for the establishment of this fund was the retirement of John Felleman in fall 2008. Over \$3000 was raised from former students, family members, and colleagues, in honor of Felleman's contributions to ESF, and to establish the "John Felleman 21<sup>st</sup> Century Environmental Challenge Fund". A plaque listing all donors to date was prepared with assistance from the College Foundation and presented to Felleman at the Department's December recognition event. Contributions continue to be accepted to the fund.

During the current reporting year, the Department received the last of 15 contributions from the Pack Family Foundation towards the establishment of the Randolph G. Pack Environmental Institute. In the final year of this major endowment contribution, efforts were made to summarize and review the many accomplishments over two decades that were enabled through the generosity of the Pack family. Further efforts are required to complete such a retrospective report.

## **9. Professional Employee Performance Program and Annual Evaluation**

The Department of Environmental Studies has one local faculty member subject to provisions of the United University Professionals (UUP) professional employee contract: Myrna Hall, Research Associate (College Year). Hall was appointed to this full-time, permanent-track position beginning in September 1, 2007.

This was the third year of Hall's appointment as Research Associate (College Year). As such, a comprehensive internal college review of Hall's accomplishments as Research Associate was conducted. Her mentoring committee guided her preparation of her review dossier. The latter was made available to departmental and College faculty for review and comment, submitted directly to the Chair. Ultimately, Hall's review had a positive outcome, resulting in a three-year renewal of her contract. She is subject to a further, comprehensive review, with external peer evaluation, in the final year of her new contract, AY 2012/13.

In addition to her third-year review, Hall's Performance Evaluation for AY 2009/10 was completed by David Sonnenfeld, Chair, with input from Provost Bruce Bongarten, and Professor Russell Briggs, Director, Division of Environmental Science. The Performance Evaluation was submitted on June 30, 2010.

Myrna Hall's Performance Program for 2010/11 will be completed by incoming Acting/ Interim Chair, Valerie Luzadis, in consultation with Provost Bongarten and Myrna Hall.

## Appendices

## Appendix A. ES Faculty, by Program, Rank, Education, and Interests

### *Environmental Studies Program – Core Faculty*

<i>Name and Title</i>	<i>Degrees</i>	<i>Interest Areas</i>
<b>Hall, Myrna</b> Research Associate and Director of the Center for the Urban Environment	M.S., Natural Resources Management, SUNY-ESF; B.A., French, Education, University of Washington	Integrating simulation modeling and GIS for studying the interaction of humans and their environment; Natural resources management; Issues of sustainable development; Graphic information visualization; Foreign language communication
<b>Lawler, Patrick</b> Associate Professor	M.A., Creative Writing, Syracuse University; B.A., English, LeMoyne College	Literature of nature; Composition and technical writing; Creative writing (poetry, fiction, plays, screenplays); Native issues; Gender and ecofeminism; Media and the environment; Popular culture; Environmental communication
<b>Manno, Jack</b> Associate Professor	Ph.D., Social Science, Maxwell School, Syracuse University; M.S., Forest Resources Management, SUNY-ESF; B.A., Creative Writing, SUNY Binghamton	Sustainability theory and practice; Great Lakes policy and institutions; Science and policy decision making
<b>Meisner, Mark</b> Assistant Professor	Ph.D., M.S., Environmental Studies, York University; Bachelor of Commerce, with Honours, Queen's University, Kingston, Ontario	Environmental communication; Environmental thought and philosophy; Mass media; Global warming discourse; Critical language theory and rhetoric; Nature and popular culture; Representations of nature
<b>Moran, Sharon</b> Assistant Professor	Ph.D., Geography, Clark University; M.S., Political Science and Public Policy, Massachusetts Institute of Technology; B.A., Chemistry, Boston University	Political ecology; Environment-society relations; 'Green' and innovative technologies; Environmental policy; Human dimensions of water/wastewater issues; Environmental issues in post- communist countries; Qualitative research methods; Gender and nature; Sustainability indicators
<b>Nordenstam, Brenda</b> Associate Professor	Ph.D., Social Ecology, University of California, Irvine; M.S., Industrial Psychology, California State University, Long Beach; B.A., Psychology, University of California, Irvine; B.S., Animal Science, University of California, Davis	Risk perception, communication, and assessment of environmental and public health hazards; Perception, valuation, and management of environmental risk; Social survey design, analysis, and policy applications; Environmental justice, equity, and policy; Right-to- know information policy and behavioral decision-making theory;



		Eco-tourism: environmental policy and community
<b>Senecah, Susan</b> Professor	Ph.D., Communication Studies, University of Minnesota; M.A., Speech Communication, University of Minnesota; B.S., Secondary Teaching, Bemidji State University, Minnesota	Public participation in the formation of environmental public policy/decisions; Legislative process, environmental public policy; Conflict and alternative dispute resolution, consensus building processes; Grassroots leadership; Social construction of nature; Ecotourism; U.S. and global environmental movements
<b>Smardon, Richard</b> Professor	Ph.D., Environmental Planning, University of California at Berkeley; M.L.A., Landscape Architecture, University of Massachusetts; B.S. cum laude, Environmental Design, University of Massachusetts	Wetland assessment and management; Landscape management policy; Public participation and decision-making; Sustainable development, eco-tourism, biosphere reserve management; Energy sustainability planning and implementation
<b>Sonnenfeld, David</b> Professor and Chair	Ph.D., M.A., Sociology, University of California, Santa Cruz; B.A. (Honors College) with distinction, Social Science, University of Oregon	Environmental sociology/ politics/ policy; Globalization, development, and sustainability; Technological environmental transformation; East and Southeast Asia; Field research and historical methods

*Environmental Studies Program – Emeritus Faculty*

<b>Felleman, John</b>	D.P.A., Planning, New York University; M.E.C., Civil Engineering, Cornell University; B.C.E., Civil Engineering, Cornell University	Environmental information policy; Visualizing environmental processes; Environmental decision making
-----------------------	---	--

*ESF Writing Program – Core Faculty*

<b>DeBaise, Janine</b> Instructor	M.A., English/ Literature, Syracuse University; B.A., English/Writing, St. Lawrence University	Poetry; Ecofeminism; Composition and rhetoric; Contemporary nature literature; Science literature; Urban nature literature
<b>Jager, Dawnelle</b> Instructor	M.S., English Education, Syracuse University; B.A., English, Youngstown State University	Learning communities; Composition curriculum development; Eco-composition; Technical writing; Creative nonfiction in the sciences; Teacher training

<b>Whitmore, Benette</b> Instructor and ESF Writing Program Director	Ph.D. Candidate, Cultural Foundations of Ed'n, Syracuse Univ.; M.A., Communications, Newhouse School, Syracuse University; B.A., Queen's University, Ontario	Composition; Technical writing; Communication; Children's literature; Fiction writing
---	--	---

*Environmental Studies Program – Visiting Faculty*

<b>Bushnell, Patricia</b> Visiting Instructor	M.A. History, Syracuse University; B.A. History, Univ. of Rhode Island	American history
<b>Dobbins, Holly</b> Visiting Instructor	Ph.D. Candidate (a.b.d.), Maxwell School, Syracuse University, MA, Int'l Affairs, 1990.	Indigenous social movements, Environmental Stewardship, Human Rights/Collective Rights, Conflict Res., role of women in Indigenous Social Movements
<b>Dodson, Khristopher</b> Visiting Instructor	M.A., Magazine, Newspaper, and Online Journalism, Newhouse School, Syracuse Univ.; M.P.S., Environmental Communication, SUNY-ESF; B.A. Environmental Studies/ English, SUNY Binghamton	Introduction to computing and the internet
<b>Gabriel, William</b> Visiting Instructor	Certified Professional Geologist; B.A., Geology, Syracuse University	Environmental geology
<b>Keenan, Mary Ann</b> Visiting Associate Professor	Ph.D. Candidate (a.b.d.), Anthropology, M.S., Family Relations, Syracuse University; B.S., Human Development Education, SUNY Buffalo	Cultural anthropology; Food and culture
<b>McGrath, Thomas</b> Visiting Instructor	B.A., Performance, Oswego State University	Environmental communication; Environmental education; Public presentation skills

*Writing Program – Visiting Faculty*

<b>Cleveland, Kristin</b> Visiting Instructor	Ph.D. Candidate (a.b.d.), M.S., Environmental Studies SUNY ESF, B.S., Prof. & Tech. Communication, R.I.T.	Writing and the environment; English composition
<b>Courtwright, Carol</b> Visiting Instructor	M.S. Education (Urban Education), Syracuse University; B.A., Education, Hartwick College, NY	Writing and the environment; English composition
<b>Dodson, Khristopher</b> Visiting Instructor	(see above)	Environmental journalism

<b>Fitzsimmons, Maureen</b> , Visiting Instructor	M.S., English Education, Syracuse University; Bachelor of Journalism, B.A., English, Univ. Missouri	Writing; Diversity; Service learning; Community engagement
<b>Hansen, Beverly</b> Visiting Instructor	Ph.D., M.S., Environmental Science, SUNY ESF, M.B.A., Syracuse University, B.S., Biology, Niagara University	Environmental Justice, Environmental Economics
<b>Hogan, Elizabeth</b> Visiting Instructor	M.F.A., Creative Writing (Poetry), University of Alabama; B.A., English and Textual Studies, B.A. Secondary English Education, Syracuse University	Writing and the environment; Critical research and writing; Teacher training; Creative writing (poetry)
<b>Wagner, Donald</b> Visiting Instructor	B.A., English, SUNY Fredonia, 1973.	Development and maintenance of multimedia instructional materials, Writing instruction

## Appendix B. Core Faculty Workload Assignments, AY 2009/10

<i>Name</i>	<i>Teaching</i>	<i>Courses/ Sections</i>	<i>Research/ Scholarship</i>	<i>Service</i>	<i>Admin</i>	<i>TOT</i>	<i>Notes</i>
<b>Assistant, Associate, and Full Professors</b>							
Lawler, P.	50.0%	4	40%	10%		100%	
Manno, J.	37.5%	3	40%	10%		100%	Graduate Coordinator
Meisner, M.	50.0%	4	40%	10%		100%	
Moran, S.	50.0%	4	40%	10%		100%	
Nordenstam, B.	0.0%	0	0%	0%		0%	On leave
Senecah, S.	0.0%	0	0%	0%		0%	On leave
Smardon, R.	50.0%	4	40%	10%		100%	
Sonnenfeld, D.	25.0%	2	20%	10%	55.0%	100%	Department Chair
<b>Research Associate</b>							
Hall, M.	37.5%	3	45%	10%	7.5%	100%	Director, CUE; Coordinator, Minor in Urban Environmental Science
<b>Instructors (ESF Writing Program)</b>							
DeBaise, J.	62.5%	5	10%	10%	17.5%	100%	Learning Communities
Jager, D.	50.0%	4	10%	10%	20.0%	100%	Coordinator, Writing Center
Whitmore, B.	37.5%	3	15%	10%	37.5%	100%	Director, Writing Program
<b>Total FTEs</b>	4.5		3.0	1.0	1.38	10	
<b>Means</b>	37.5%		25%	8.33%	11.5%	83.3%	

## Appendix C. Faculty Publications\*

JANINE DEBAISE

### Essay

DeBaise, Janine. 2010. "Of the Fittest," *Hawk & Handsaw: The Journal of Creative Sustainability* 3.

MYRNA HALL

### Journal Article

Murphy, D. J., **M. H. Hall**, C. A. S. Hall, G. Heisler, S. Stehman, and C. Anselmi-Molina. 2010. "The Relation Between Land-cover and the Urban Heat Island in Northeastern Puerto Rico," *International Journal of Climatology*. Published online, April 19. Available: <http://www3.interscience.wiley.com/journal/123358115/abstract>.

PATRICK LAWLER

### Poems

Lawler, Patrick. 2009. "WING = WIND", THE ANEMONE SIDECAR. [www.ravennapress.com/anemonesidecar/pdf/chapter\\_5.pdf](http://www.ravennapress.com/anemonesidecar/pdf/chapter_5.pdf) p. 10

Lawler, Patrick. 2009. "ROCK = FALLING", . THE ANEMONE SIDECAR. [www.ravennapress.com/anemonesidecar/pdf/chapter\\_5.pdf](http://www.ravennapress.com/anemonesidecar/pdf/chapter_5.pdf) p. 10

Lawler, Patrick. 2009. "X = X Section 3", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "X = X Section 4", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "X = X Section 5", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "X = X Section 6", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "X = X Section 7", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "X = X Section 8", BLAZEVOX. [www.blazevox.org/09fl-pl.pdf](http://www.blazevox.org/09fl-pl.pdf)

Lawler, Patrick. 2009. "Ode to the Nail", SALT HILL JOURNAL 23: 108 – 110.

Lawler, Patrick. 2009. "Thank You and Good-bye", SALT HILL JOURNAL 23: 115 – 117.

Lawler, Patrick. 2009. "Dearest Akeem Benedicta", COPPER NICKEL 12 (September): 46 – 54.

Lawler, Patrick. 2009. "Sedoka", THE BITTER OLEANDER 15(2):106.

Lawler, Patrick. 2010. "Trade World Center 1", THE BITTER OLEANDER 16(1):28.

Lawler, Patrick. 2010. "Trade World Center 2", THE BITTER OLEANDER 16(1):29.

Lawler, Patrick. 2010. "Trade World Center 3" Poem. THE BITTER OLEANDER 16(1):30.

---

\* Peer-reviewed, scholarly and creative works published and in press.

Lawler, Patrick. 2010. "Trade World Center 4", THE BITTER OLEANDER 16(1):31.

Lawler, Patrick. 2010. "Basilio", SCYTHE JOURNAL 2 [www.scytheliteraryjournal.com/](http://www.scytheliteraryjournal.com/)

Lawler, Patrick. 2010. "Testing. One. Two", SCYTHE JOURNAL 2 [www.scytheliteraryjournal.com/](http://www.scytheliteraryjournal.com/)

Lawler, Patrick. 2010. "How to B a Man (Assembly)", SCYTHE JOURNAL 2 [www.scytheliteraryjournal.com/](http://www.scytheliteraryjournal.com/)

#### Book Chapter

Lawler, Patrick. 2009. "Edison", THE BITTER OLEANDER 15(2):104 – 105.

JACK MANNO

#### Journal Article

Manno, Jack P. 2010. "Commoditization and Oppression: A Systems Approach to Understanding the Economic Dynamics of Modes of Oppression." *Ecological Economics Reviews. Annals of the New York Academy of Sciences*, 1185: 164-178.

#### Book Chapters

Manno, Jack. 2010. "Haudenosaunee Great Law of Peace: A Model for Global Environmental Governance?" Ch. 9 in *Democracy, Ecological Integrity and International Law*, eds. J. R. Engel, L. Westra and K. Bosselman. Newcastle upon Tyne, UK: Cambridge Scholars Publishing.

Manno, Jack. 2010. Sustainability/ Sufficiency." Pp. 1598-1618 in *The International Studies Compendium Project and Encyclopedia, Vol. III*, eds. Robert Denmark, et. al. Oxford: Wiley-Blackwell.

SHARON MORAN

#### Book Chapter

Baruah, Mitul, and **Sharon Moran**. 2010. "Ecological Economics". In *Green Politics*, ed. Paul Robbins. *Sage Reference Series on Green Society*, vol. 2. [online]. Sage.

#### Proceedings

Magnuszewski, Artur, **Sharon Moran**, and Guoliang Yu. 2010. "Modeling Lowland Reservoir Sedimentation Conditions and Potential Environmental Consequences of Dam Removal: Wloclawek Reservoir, Vistula River, Poland." Pp. 8-16 in *Sediment Dynamics for a Changing Future*, ed. Kazimierz Banasik. Proceedings of the Symposium of International Commission on Continental Erosion. Publication 337. Wallingford, UK: IAHS Press.

RICHARD SMARDON

#### Journal Articles

Smardon, R.C. 2009. "Urban recreation park sustainability in an Asian context," *International Journal of Applied Environmental Sciences* 4(2): 193-202.

Darkwa, S., and **R. C. Smardon**. 2010. "Ecosystem restoration; evaluating local knowledge and management systems in Fosu Lagoon, Ghana," *Environmental Practice* 12 (Nov.). In press.

DAVID SONNENFELD

Book Chapter

**Sonnenfeld, David A.**, and Arthur P.J. Mol. 2010. "Urban and Industrial Environmental Reform in Southeast Asia: Preliminary Findings and an Agenda for Research". In *Political Economy of Southeast Asia*, eds. Johannes Schmidt and Rajah Rasiah. Cheltenham, UK: Edward Elgar. In press.

BENETTE WHITMORE

Performance Piece

Whitmore, Benette. 2009. "Rainforest Rhythms & the Jungle Jive." Performed at Children's Theater, Boston, MA.

## Appendix D. Other Faculty Publications and Outreach Materials

JANINE DEBAISE

*Kinsella, Robert, and Janine DeBaise. 2009. Both Sides of the Desk: A Look Inside an Elementary School. Rochester, NY: Old Baldy Press.*

MYRNA HALL

Hall, Myrna. 2010. Letter to the Editor, *Syracuse Post Standard*, February

PATRICK LAWLER

Interview, *SALTHILL JOURNAL* Issue 23 (2009).

Interview, *THE BITTER OLEANDER*. Vol. 15 (2009), Number 2:106.

Lawler, Patrick. 2010. Review of "Carta Marina: A Poem in Three Parts" by Ann Fisher-Wirth. *ISLE*. Vol. 17. Issue 1 (Winter) : 214 – 215.

JACK MANNO

Krantzberg, Gail, and **J. Manno**. 2010. "Renovation and Innovation: It's Time for the Great Lakes Regime to Respond" [commentary], *Water Resources Management*. Published online, May 6.

Manno, J. 2010. "Sustainability & Consumption" [cover story], *World Environment*, China Academic Journal (in Mandarin).

MARK MEISNER

Meisner, Mark. 2010. "Documentary Exploits: This year's Oscar winner, *The Cove*, is part of Flipper-trainer Ric O'Barry's effort to expose the underbelly of animal stardom," *Alternatives Journal* Vol. 36, No. 4.

Meisner, Mark. 2010. "Travelogues with Conviction: There is more than one way to reach paradise," *Alternatives Journal* Vol. 36, No. 2.

Meisner, Mark. 2010. "Blinded by EcoPorn: Pretty nature pictures stimulate desire, but misrepresent reality," *Alternatives Journal* Vol. 36, No. 1.

SHARON MORAN

Moran, Sharon. 2009. "The State of the Toilet," Bytes of Note, *Environment* 51(11, November): 7-9.

RICHARD SMARDON

Zelansky, D., and **R. Smardon**, 2009. New York State Great Lakes Basin Advisory Council Annual Report for 2009, NYSDEC, Buffalo.

GL Basin Advisory Council. 2010. Great Lakes and St. Lawrence Basin Compact Implementation Report. Great Lakes Basin Advisory Council, 91 p.



DAVID SONNENFELD

Books (new editions)

Mol, Arthur P. J., **David A. Sonnenfeld**, and Gert Spaargaren, eds. 2009. *The Ecological Modernisation Reader: Environmental Reform in Theory and Practice*. London and New York: Routledge. Paperback edition, October.

Smith, Ted, **David A. Sonnenfeld**, and David Naguib Pellow, eds. 2009. *Challenging the Chip: Labor Rights and Environmental Justice in the Global Electronics Industry*. Korean edition, translated with additions. Seoul: May Day Publishers, November.

BENETTE WHITMORE

"Writers with a Purpose," Syracuse Post-Standard *Green Magazine*, Nov. 16, 2009

## Appendix E. Presentations by ES Faculty at Professional Meetings

JANINE DEBAISE

"The Virtues of the Virtual: Using Blogs to Communicate Place Across Space", Association for the Study of Literature and the Environment, Victoria, BC, June 2009

"River Birch: Touching Sky", Society for Literature, Science, and the Arts, Atlanta, Georgia, November 2009

"From Awareness to Advocacy: New Directions for the Environmental Essay", Associated Writers and Writing Programs, Denver, Colorado, April 2010

MYRNA HALL

Invited Keynote Speaker, "Using GIS to model climate-induced glacier change in Glacier National Park to 2100", Workshop on Teaching with Spatial Technology (TwiST), NASA Institute for the Application of Geospatial Technology, June 29, 2009, Auburn, NY.

"An integrated monitoring/modeling framework for assessing human-nature interactions in urbanizing watersheds: Onondaga and Wappinger Creeks, New York", Ecological Society of America, Albuquerque, NM, August 2009

"Prediction of Land Use Change and Nutrient Loading Consequences in the West of Hudson Watersheds to 2022", New York City Watershed Science and Technology Symposium, West Point, NY, September, 2009 (with Seth Myers)

"An integrated monitoring/modeling framework for assessing human-nature interactions in urbanizing watersheds: Onondaga and Wappinger Creeks, New York", Association of American Geographers, Washington, DC, April 2010 (with Karin E. Limburg, Giorgos Mountrakis, Bongghi Hong, Peter M. Groffman, Lori Li Luo, Karla Hyde, and Seth J. Myers)

"How Affluence Shrinks and Flattens the Landscape: The Influence of Income on Constraints to Land Development", Association of American Geographers, Wash., DC, April 2010 (with Seth Myers)

"Predicting Wetland Community Response to Water Level Changes", Association of American Geographers, Wash., DC, April 2010 (with Gillian Avruskin, Matthew Distler, and John Farrell)

DAWNELLE JAGER

"Writing, Learning, and Living the Sciences", National Conference of Teachers, Philadelphia, November, 2009

PATRICK LAWLER

"Feeding the Fear of the Earth", Assn. for the Study of Literature and the Env't. Victoria, BC, 2009

"Writing with the Elements", Assn. for the Study of Literature and the Env't. Victoria, BC, 2009

"Solastalgia: An Eco Performance", Associated Writers and Writing Programs, Denver, CO, 2010

JACK MANNO

"The Peacemaker, The Confederacy: An Ancient Model of Governance for Sustainability." Global Ecological Integrity Group, Florence, Italy, June 25-30, 2009

"US/Canada Cooperation for Management of the Great Lakes", Central NY Air and Water Management Association, December 9, 2009

"Great Lakes Water: Rights or Duties?", Right to Water Conference, Syracuse University, Syracuse University, March 30, 2010

MARK MEISNER

"Problem Posing in Environmental Studies and Sciences," Association for Environmental Studies and Sciences, University of Wisconsin, Madison, Wisconsin, October 2009

"Issues in Climate Change Communication," Public Diplomacy Symposium, Maxwell School of Citizenship, Syracuse University, Syracuse, New York, March 2010

"Environmental Problem Posing and Communication," Environmental Communication Symposium, University of Maine, Orono, Maine, May 2010.

"Environmental Communication and Public Change Strategies," WWF Conservation Communications Network Initiatives Workshop, WWF International secretariat, Gland, Switzerland, May 2010

SHARON MORAN

"Sustainable Water Technologies: Architects and Innovation", Association of American Geographers, Washington, D.C., April 15, 2010.

"Sustainability Programs at the University Level," Association of Environmental Science and Studies, Madison, WI, October 10, 2009 (with Richard Smardon)

"Ethical Foundations for Water Management: The Applicability of 'Restorative Justice' Ideas to Water Problems," Conference on the Right to Water, Syracuse University, March 30, 2010 (with Imran Khalid)

"Urban Stream Restoration Projects," read by a colleague at the Reconsidering the City Conference, SUNY-Fredonia, NY, April 2010.

RICHARD SMARDON

"Sustainability Programs at the University Level," Association for Environmental Studies and Sciences, University of Wisconsin, Madison, October 10, 2009 (with Sharon Moran)

"What Does Green Mean? Sustainability Curricula in US Business Schools," National Council for Science and the Environment, Washington, DC, Jan. 20, 2010 (with L. Cleckner and P. Pouyat-Thibodeau)

BENETTE WHITMORE

"Trash Talk: The Found Object Monologues", Assn. of Writers and Writing Programs, Denver, 2010

"Consuming Bodies: Workers, Literacy, and Status at the Superstore Bookseller", Gender, Bodies & Technology Conference, Virginia Tech, Roanoke, VA, 2010

## Appendix F. Public and Professional Presentations by ES Faculty

JANINE DEBAISE

Featured reader, community poetry reading, Sugar Pearl, Syracuse, NY, December 2009

Speaker, "Ecofeminism: a discussion", Women's Caucus event, ESF Campus, December 2009

MYRNA HALL

"Transdisciplinary Approaches to Understand and Manage Spreading Impervious Surface Areas, Part I: Assessing the Causes of Sprawl" (poster), Healthy Buildings Conference, Syracuse Center of Excellence, September, 2009 (with Karla Hyde, Bongghi Hong, Giorgos Mountrakis, Karin E. Limburg, Peter M. Groffman, Vicky Kelly, and Lori Li Luo)

"Transdisciplinary Approaches to Understand and Manage Spreading Impervious Surface Areas, Part II: Modeling the Impacts on Streamflow and Water Quality" (poster), Healthy Buildings Conference, Syracuse Center of Excellence, September, 2009 (with Bongghi Hong, Karla Hyde, Peter M. Groffman, Vicky Kelly, Lori Li Luo, Giorgos Mountrakis, and Karin E. Limburg)

"Transdisciplinary Approaches to Understand and Manage Spreading Impervious Surface Areas, Part I: Assessing the Causes of Sprawl" (poster), New Building Open House, Syracuse Center of Excellence, April, 2010 (with Karla Hyde, Bongghi Hong, Giorgos Mountrakis, Karin E. Limburg, Peter M. Groffman, Vicky Kelly, and Lori Li Luo)

"Transdisciplinary Approaches to Understand and Manage Spreading Impervious Surface Areas, Part II: Modeling the Impacts on Streamflow and Water Quality" (poster), New Building Open House, Syracuse Center of Excellence April, 2010 (with Bongghi Hong, Karla Hyde, Peter M. Groffman, Vicky Kelly, Lori Li Luo, Giorgos Mountrakis, and Karin E. Limburg)

"Bridging the Temporal Mismatch Between Remotely Sensed Land Use Changes and Field-Based Water Quality/Quantity Observations" Syracuse Center of Excellence CARTI and TAD Presentations to Syracuse CoE SAC and EPA Program Manager, Syracuse, NY, April 15-16 (with Karin Limburg and Giorgos Mountrakis)

"An Integrated Monitoring/Modeling Framework for Assessing Human-Nature Interactions in Urbanizing Watersheds: Onondaga and Wappinger Creeks, New York" Syracuse Center of Excellence CARTI and TAD Presentations to SyracuseCoE SAC and EPA Program Manager, Syracuse, NY, April 15-16 (with Karin Limburg and Giorgos Mountrakis)

DAWNELLE JAGER

Plagiarism Workshop, Academic Success Series, fall 2009/ spring 2010 (with Sarah Vonhof)

"Writing for an Audience", ESF Fall 09 Pre-Orientation

PATRICK LAWLER

### Readings

Red Dragon Reading Series, Oneonta, NY, 2009

Joe Milford Poetry Show, 1½ hours including interview, November 2009

<http://www.blogtalkradio.com/joe-milford-show/2009/11/16/joe-milford-hosts-patrick-lawler-1>

Writers and Books, Rochester, 2010

Copper Nickel/AWP, Denver, CO, 2010

Other

Moderator, "Nature of Poetry; the Poetry of Nature", LeMoyne College, Syracuse, NY, 2009

JACK MANNO

Panelist, "State of Our Planet". Student-led forum and teach-in. SUNY ESF, November 17, 2009

Chair and Moderator, "Sacred Waters: The Onondaga Nations Vision for a Clean Onondaga Lake", Onondaga Land Rights & Our Common Future Series, Syracuse Stage, April 19, 2010

MARK MEISNER

Visiting Scholar, University of Maine, Orono, May 20-21, 2010

- Roundtable: What is Environmental Communication?
- Interactive Scholarly Dialogs
- Panel: Universities, Communication, and Sustainability
- Roundtable: Communication, Engagement, and Linking Knowledge-with-Action
- Moderated Discussion: Building Bridges, Integrating Communication into Sustainability Science

SHARON MORAN

"The Lavatory Laboratory: Strategic Opportunity to Understand, Sustain, and Educate about Water Usage in the Built Environment," presented to President Neil Murphy, March 15; and to the Gateway Building Planning Committee, March 25 (with Mike Dimpfl, Jennifer Smith, and Tim Knight)

RICHARD SMARDON

Workshop on Scientific Writing, University of Guatemala, Guatemala City, August 2009

Visual Impact Assessment Short Course, NYSDOT Landscape Bureau, Schenectady, NY, March 15-16, 2010 (with J. Felleman, J. Palmer, and J. Owens)

DAVID SONNENFELD

"Varieties of Ecological Modernization," Renmin (People's) University, Beijing, China, October 2009

"Environmental Reform in Asia," School of Humanities and Social Sciences, Beijing Forestry University, October 2009

"Varieties of Ecological Modernization," Dept. of Anthropology, Oregon State University, May 2010

BENETTE WHITMORE

"Careers in Environmental Writing", EST 132, Intro. to Env. Studies, Fall 2009

"The Method as a Tool for Analysis", ESF in the High School, Fall 2009

"Careers in Writing," Nottingham High School, Syracuse, NY, Fall 2009

"Assembling a Portfolio", EST 494, Sr. Seminar in Environmental Studies, Spring 2010

"The Writing & Publishing Process: Ten Simple/Complex Non-Rules to Follow/Break", High School for Environmental Studies, New York City, Spring 2010

## Appendix G. Environmental Studies Faculty Citations<sup>9</sup>

July 2010

			#Citations 2009	#Citations 2005-9	#Citations 2000-9	h- Index*
1	DeBaise	Janine	0	0	0	--
2	Hall	Myrna	23	59	64	4
3	Jager	Dawnelle	0	0	0	--
4	Lawler	Patrick	0	0	0	--
5	Manno	Jack	0	1	3	--
6	Meisner	Mark	0	0	0	--
7	Moran	Sharon	8	26	44	3
8	Nordenstam	Brenda	2	3	5	1
9	Senecah	Susan	3	17	23	1
10	Smardon	Richard	17	53	78	3
11	Sonnenfeld	David	20	67	100	7
12	Whitmore	Benette	0	0	0	--

\*The **h index** is based on the highest number of papers included that have had at least the same number of citations. The **h index** was developed by J.E. Hirsch. Hirsch defines the **h index** as follows:

A scientist has **index h** if h of his/her  $N_p$  papers have at least **h** citations each, and the other ( $N_p - h$ ) papers have no more than **h** citations each.

<sup>9</sup> By Assistant Librarian Linda Galloway, based on a search of Scopus ("the world's largest abstract and citation database"), July 12, 2010

## Appendix H. Faculty Research and Creative Grant Activity

MYRNA HALL

### Current and New Awards

“Bridging the Temporal Mismatch Between Remotely-Sensed Land Use Changes and Field-Based Water Quality/ Quantity Observations,” Syracuse Center of Excellence, \$99,999, PI – Giorgos Mountrakis, Co-PIs – Myrna Hall, Karin Limburg – August, 2008-August 2009.

“Understanding and Mapping Historic Habitats of Onondaga Lake,” EPA Technical Assistance Grant through Atlantic States Legal Foundation contracted to Geographic Modeling Services, \$8,500, Myrna Hall (PI), August to December, 2009.

“Positioning Rust-Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban Quality of Life.” National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), (\$300,000, my research \$51,945), David Nowak (PI), Myrna Hall, Charlie Hall, Rick Smardon, and E. Carter (co-PIs). September 2009 – December 2011. FUNDED

“Social-Ecological System Change, Vulnerability, and the Future of a Tropical City” National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), (\$300,000, my research \$30,000), Ariel Lugo (PI), Tischa Munoz (co-PI), March 2010 to March 2012. FUNDED

“An Environmental Basis for Rural Planning in the Province of Cordoba, Argentina.” Argentine National Government Award, (\$1,000,000; my research portion is for travel, per diem, and potentially tuition for an Argentine student to study some semesters at ESF), Oscar Giayetto and Juan-Jose Cantero (PIs). May 2010 to May 2013. FUNDED

### Applications Submitted

“Positioning Rust-Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban Quality of Life.” National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), \$300,000, David Nowak (PI), Myrna Hall, Charles Hall, Richard Smardon, and Emanuel Carter (co-PIs). FUNDED

“Social-Ecological System Change, Vulnerability, and the Future of a Tropical City” National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), \$300,000, Ariel Lugo (PI), Tischa Munoz (co-PI). FUNDED

“An Environmental Basis for Rural Planning in the Province of Cordoba, Argentina.” Argentine National Government Award, \$1,000,000, Oscar Giayetto and Juan-Jose Cantero (PIs). FUNDED

PATRICK LAWLER

### Applications Submitted

Guggenheim	\$35,000	NOT FUNDED
NEA	\$20,000	NOT FUNDED
NYFA	\$7,000	NOT FUNDED

JACK MANNO

Applications Submitted

“Helping Forests Walk”: coupling scientific and traditional knowledge to build resilience in coupled natural and human systems facing environmental change.” Preproposal, Integrated Graduate Education, Research and Training (IGERT), National Science Foundation. R. Kimmerer, PI. J. Manno, Sr. Participating Faculty. RESUBMITTED.

“The Role and Efficacy of Ally Organizations in Promoting the Dissemination and Diffusion of Indigenous Perspectives In Environmental Discourse and Decision-making”, SUNY ESF Research Office Seed Grant program. \$8,000. REJECTED.

“Emerging Cross-Cultural Alliances for Sustainability in North America/Turtle Island” \$17,500. North American Research Linkages Program, Foreign Affairs and International Trade Canada. IN REVIEW

MARK MEISNER

Current and New Awards

“Mass Media Effects on Elite Legislators: A Social Psychology Case Study of Climate Change in Peru.” Doctoral Dissertation Improvement Grant, Decision, Risk, & Management Science Program, National Science Foundation, \$6,302, 2010-2011 (with Bruno Takahashi) FUNDED

Applications Submitted

“Mass Media Effects on Elite Legislators: A Social Psychology Case Study of Climate Change in Peru.” Doctoral Dissertation Improvement Grant, Decision, Risk, & Management Science Program, National Science Foundation, \$6,302, 2010-2011 (with Bruno Takahashi) FUNDED

"Addressing Climate Change at the Local Level: Public Officials, Collaborative Governance and Decision Making Under Uncertainty;" Pete Wilcoxon, Rosemary O'Leary, Bruce Dayton, Catherine Gerard, and Kirk Emerson, principal investigators; Decision Making Under Uncertainty Program; National Science Foundation; \$5,000,000. REJECTED

SHARON MORAN

Applications Submitted

"Improved Outreach for Onsite Wastewater Options: Understanding User Perceptions," SUNY – ESF, Seed Grant Program, \$8,000, summer 2010. FUNDED

"Sustainable Struvite Recovery from Anaerobically Digested Dairy Manure," Syracuse University, Sustainable Business Program. (with SUNY-ESF Prof. Wendong Tao), awarded \$5,000, summer 2010. FUNDED

"Enhancing Outreach about Onsite Wastewater Options in Lakeside Communities," U.S. EPA, Great Lakes Research Initiative, 2010 – 2011, \$90,923. PENDING

"Understanding User Perceptions for Improved Outreach in Addressing Rural Wastewater Challenges," Environmental Finance Center - Center of Excellence, \$10,000. DECLINED



RICHARD SMARDON

Current and New Awards

"Water Quality monitoring of the Harbor Brook Treatment Wetland as part of CNY Watersheds Project." US EPA. Start date July 1, 2005, \$125,000 -plus additional \$125,000 proposed for fiscal 2006-2007 (continued); no cost extension until fall 2009 –finishing final report (with T.A. Endreny, J.M. Hassett and S. Sage)

"Onondaga Creek Sub-Basin Revitalization Plan." Submitted with OLMC to Onondaga Lake Partnership, Sept. 2004 for \$48,750 (funded) Sept. 2004 to May 2006 – additional \$5000 added (finished) but continuing to act as facilitator for plan implementation – plan finished - progressing with implementation.

"Positioning Rust-Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban Quality of Life." National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), \$300,000. Working with B. Nordenstam on social science portion of assessing urban residents' reactions to proposed green infrastructure; \$35,000 used to fund two Ph.D. students. David Nowak (PI), Myrna Hall, Charles Hall, Richard Smardon and Emanuel Carter (co-PIs). September 2009 – December 2011. FUNDED

Applications Submitted

"Positioning Rust-Belt Cities for a Sustainable Future: A Systems Approach to Enhancing Urban Quality of Life." National Science Foundation Urban Long-Term Research Area Exploratory Award (ULTRA-EX), \$300,000. David Nowak (PI), Myrna Hall, Charles Hall, Richard Smardon and Emanuel Carter (co-PIs). September 2009 – December 2011. FUNDED

"Convergent Development in the Scientific Writing of Multiple NL (NNE) Graduate Students; feature attributes and contributing factors," \$297,436, National Science Foundation, August 2009-July 2011 (with Maria Hosmer-Briggs) NOT FUNDED

"Optimizing and Valuing the Mix of Tree Species for northeastern Urban Areas for Multiple Environmental Benefits", \$185,224, NUFAC Innovation Challenge Grant (with D.J. Nowak and A.P. Drew) NOT FUNDED

"Climate change and the impact on not-for-profit organizations", to support development and delivery of course, \$20,000, Kaufman Foundation (with D. Eichorn, R. Beal and C. Spuches) FUNDED

DAVID SONNENFELD

Application Submitted

"Ethics Education in Science and Engineering", submitted to the National Science Foundation, \$397,984 (with Dianne Quigley and Phil Brown, Brown University); my portion is \$144,238, over three years, 2010-13. FUNDED

## Appendix I. Additional Faculty Service and Outreach Activities<sup>10</sup>

JANINE DEBAISE

Peer Reviewer, *The Brock Review*, an interdisciplinary, peer-reviewed journal published by the Humanities Research Institute at Brock University

Member, Diversity Caucus, Association for the Study of Literature and the Environment

Session Organizer, 2010 Annual Meeting, Society for Literature, Science, and the Arts

Member, ES/ ESF Writing Program Committee

Advising Faculty, ES Environmental Communication, Culture & Writing Option

MYRNA HALL

Peer Reviewer, *Applied Geography*

Reviewer, SUNY-ESF SEED Grant Competition

Member, ESF Council for Geospatial Modeling and Analysis

Mentor, ESF USDA Scholars

Member, ES Graduate Studies Committee

DAWNELLE JAGER

Volunteer, ESF booth, New York State Fair

Participant, ESF Team, Chase Corporate Challenge Community event

Member, ES/ ESF Writing Program Committee

Member, ES Undergraduate Studies Committee

Member, ES Self-Study Review Committee

PATRICK LAWLER

Member, ES Undergraduate Studies Committee

Chair, ES Undergraduate Program Review – Self Study Team

Member, ES Faculty Peer Review Committees:

Janine DeBaise (chair), Dawnelle Jager (chair), Mark Meisner, Sharon Moran (chair), Benette Whitmore (chair)

JACK MANNO

Peer Reviewer, *Landscape Ecology*

Peer Reviewer, *Local Environment*

Peer Reviewer, *Global Environmental Politics*

Peer Reviewer, *Sustainability*

Participating Faculty, Native Studies Program, Syracuse University

---

<sup>10</sup> See also Section 3 and Appendix J

Member, Steering Committee, Onondaga Land Rights and Our Common Future series  
Graduate Studies Coordinator, Dept. of Environmental Studies  
Chair, ES Graduate Studies Committee  
Member, ES Undergraduate Studies Committee  
Member, ES Faculty Peer Review Committees:  
    Janine DeBaise, Mark Meisner, Sharon Moran, Benette Whitmore

MARK MEISNER

Contributing Editor, *Alternatives Journal*  
Peer Reviewer, *Applied Environmental Education and Communication*  
Peer Reviewer, *International Journal of Media and Cultural Politics*  
Peer Reviewer, Polity Press (book ms.)  
Member, Sustainability Focus Course Initiative group, Syracuse University.  
Coordinator, Environmental Communication and Culture Option, BS Environmental Studies program  
Member, ES Undergraduate Studies Committee  
Member, ES Undergraduate Program Review – Self-Study Team

SHARON MORAN

Grant Proposal Reviewer, National Science Foundation  
Grant Proposal Reviewer, Great Lakes Research Consortium  
Editorial Manuscript Reviewer, Routledge  
Grant Proposal Reviewer, ESF McIntire Stennis Program  
Member, ES Graduate Studies Committee

SUSAN SENECAH

Member, ES Faculty Peer Review Committees:  
    Dawnelle Jager, Mark Meisner (chair), Sharon Moran

RICHARD SMARDON

Peer Reviewer, *Landscape Journal*  
Peer Reviewer, *Journal of Soil, Water and Air Pollution*  
Peer Reviewer, *Environmental Management*  
Member, Sustainability Task Force, Syracuse University  
Member, Steering Committee, ESF Accreditation Review Self-Study Team  
Undergraduate Studies Coordinator, Dept. of Environmental Studies  
Chair, ES Undergraduate Studies Committee  
Member, ES Undergraduate Program Review – Self-Study Team

Member, ES Faculty Peer Review Committees:

Janine DeBaise, Mark Meisner, Sharon Moran, Benette Whitmore

DAVID SONNENFELD

Peer Reviewer, *Journal of World-Systems Research*

Peer Reviewer, *Journal of Cleaner Production*

Peer Reviewer, *Urban Studies*

BENETTE WHITMORE

Chair, ES/ ESF Writing Program Committee

Supervisor, ESF in the High School writing programs (hiring, mentoring, curriculum development)

Advising Faculty, ES Environmental Communication, Culture & Writing option area

Faculty Advisor, Environmental Studies Student Organization (ESSO)

Member, ES Undergraduate Studies Committee

Peer Review Committee: Dawnelle Jager

## **Appendix J. Faculty Service Activities at ESF**

### *Faculty Governance Committees*

- Committee on Awards: J. Manno (chair)
- Committee on Instruction: D. Jager
  - General Education Assessment Subcommittee: D. Jager
- Committee on Public Service & Outreach: M. Hall
- Executive Committee: J. Manno

### *Graduate Programs*

- Graduate Program in Environmental Science, curriculum group leaders:
  - Environmental Communication and Participatory Processes: M. Meisner
  - Environmental Policy and Democratic Processes: S. Moran
  - Water and Wetland Resource Systems: R. Smardon

### *Undergraduate Programs*

- Academic Integrity Board: D. Jager (hearing officer)
- Center for Urban Environment: M. Hall, Director
  - Undergraduate Minor in Urban Environmental Science: M. Hall, Coordinator
- Learning Community Advisory Board: J. DeBaise
- Student-to-Student Mentoring Program: J. DeBaise
- Undergraduate Honors Program Advisory Committee: S. Moran

### *Other Committees*

- Affirmative Action Committee: D. Jager
- Center for Native Peoples and the Environment, Advisory Board: J. Manno, S. Moran
- Council for Geospatial Modeling and Analysis: M. Hall
- ESF in the High School: B. Whitmore, E. Hogan
- Environmental Health Curriculum Planning Committee: S. Moran
- Graduate Studies Council: J. Manno
- Honors Program Advisory Committee: S. Moran
- Hydrological Sciences Ad Hoc Faculty Group: R. Smardon
- Professional Development Awards Committee: J. DeBaise
- Promotion and Tenure Criteria Review Committee: D. Sonnenfeld, B. Whitmore

- Safety Committee: S. Moran
- Search Committee, Empire Innovation Faculty Initiative: D. Sonnenfeld
- Search Subpanels, Empire Innovation Faculty Initiative: M. Hall, J. Manno, R. Sardon
- SU/ESF Joint PhD Program Planning Committee: R. Sardon
- Summer Reading Committee, J. DeBaise (chair)
- Urban Environmental Science Advisory Committee: R. Sardon
- Women's Caucus: J. DeBaise

## Appendix K. Top Departmental Website Page Views

June 1, 2009 through May 31, 2010 (Source: Sawmill web stats, via Office of Communication)

<i>2009-10 rank</i>	<i>2008-09 rank</i>	<i>URL</i>	<i>type</i>	<i>2008-09 views</i>	<i>2009-10 views</i>
1	6	/es/graduate/esgp.htm	ES MS/MPS graduate programs	4,743	12,740
2	7	/es/courses.htm	ES course listing	2,747	11,802
3	1	/es/default.asp	ES homepage	14,353	10,057
4	3	/es/undergraduate/bs.htm	ES undergrad program	5,391	8,753
5	4	/es/graduate/Default.htm	ES grad programs overview	5,204	4,243
6	--	/es/graduate/cedm.htm	ES grad. certificate in env. decision making	--	3,988
7	15	/es/hall/water.pdf	Report (M. Hall et al.)	1,662	3,705
8	5	/es/faculty/default.htm	ES faculty directory	4,849	3,555
9	2	/es/documents/GreatLakesRpt.pdf	Report (Manno et al.)	10,894	2,775
10	9	/es/faculty/meisner.htm	Faculty homepage	2,299	2,149
11	--	/es/via/vrap.pdf	Report (Smardon et al.)	--	2,081
12	8	/es/via/Default.htm	Visual Impact Assessment site	2,655	2,027
13	--	/es/handbook/Default.htm	ES student handbook page	--	1,867
14	14	/es/faculty/smardon.htm	Faculty homepage	1,683	1,824
15	17	/es/via/pviamanual.pdf	Report (Smardon et al.)	1,491	1,639
16	--	/es/pack/Default.htm	R.G. Pack Env. Inst. homepage	--	1,628
17	12	/es/faculty/moran.htm	Faculty homepage	1,776	1,556
18	10	/es/faculty/hall.htm	Faculty homepage	2,066	1,503
19	13	/es/faculty/manno.htm	Faculty homepage	1,766	1,481
20	11	/es/sonnenfeld/default.htm	Faculty homepage	1,932	1,430

## Appendix L. Dissertations, Theses, Projects Completed

### *Doctoral Dissertations*

Bae, Hyunkee. "Measuring the Effects of the Voluntary Disclosure of Environmental Management Performance Based on the US Stock Market" (GPES/Env Policy, Sardon)

Johnson, Lauren. "Restored Wetland-Treatment: A Potential Water Quality Best Management Practice" (GPES/WWRS, Sardon)

Thanh Dinh Vo. "Living with Change: Local Knowledge, Institutions, Livelihoods and Coastal Resources in the Tam Giang Cau Hai Lagoon System" (GPES/ ENRP, Manno)

### *Masters Theses*

Barnhill, Kathleen. "Negotiating Sacred Space: Indigenous Involvement in Environmental Governance" (GPES/EPDP, Sardon)

Raksi, Shaika. "An analysis of the potential for rewards to stewards of ecosystem services in three projects in the Mount Kenya Region" (GPES/ EPDP, Manno)

Smith, Hilary. "Stakeholder Analysis, Sustainable Development and Decision-making: The Cost of Land Dispute and Bauxite Mining in the Cockpit County, Jamaica" (GPES/ EPDP, Sardon)

### *Professional Masters Projects*

Duffy, Johanna. "Ecological Monitoring at the Oneida-Herkimer Solid Waste Authority Landfill" (GPES/ WWRS, Sardon)

Fumarola, Aaron. "Citizen's Campaign for the Environment: A Lesson in Frames" (Environmental Studies, Senecah)

Kumar, Chandan. "The Status of Sponge Iron Units in West Bengal, India." Internship report for the Centre for Science and Environment, New Delhi, India (Environmental Studies, Manno)



## **Appendix M. New Graduate Students, Fall 2010**

1. Benjamin Ballerstein, B.S. Psychology, SUNY Brockport (GPES/ EPDP, M.P.S., Moran)
2. Osamah Bamasagood (Yemen), B.E. Electrical Engineering, Moscow Power Engineering Institute (GPES/ WWRS, M.S., Smardon)
3. Lori Cornell, B.S. Environmental Science, SUNY Albany (GPES/ ESRM, M.S., M. Hall)
4. Fan Dai, M.S. Public Policy Studies, Beijing Forest University, China (ENRP, Ph.D., Sonnenfeld)
5. Suparna Dutta, B.S. Economics, University of Calcutta, India (Environmental Studies, M.S., Meisner)
6. Catherine Foley, B.A. Environmental Studies, Vassar College (GPES/ ECLP, M. Hall)
7. Lisa Greenwood, M.S. Environmental Engineering, University of New Haven (ENRP, Ph.D., Moran)
8. Ruiqi Li, B.S. Environmental Sciences, Huazhong Agricultural University, China (Environmental Studies, M.S., M. Hall)
9. Michele Maciejewski, B.A. Communication Management and Design, Ithaca College (GPES/ ECPP, M.S., Meisner)
10. Stanley Milewski, M.P.S. Environmental Science, SUNY ESF (Environmental Studies, M.S., Lawler/ Whitmore)
11. Hannah Morgan, B.S. Env. Science, SUNY ESF (GPES/ ECPP, M.S., Lawler)
12. Solomon Mungure, M.S. Social Ecology, University of Zimbabwe (ENRP, Ph.D., Manno)
13. Xiaole Ni (China), MPA Public Administration, Arizona State University (ENRP, Ph.D., Sonnenfeld)
14. Ana Louisa de Campos Paula (Brazil), MS Rural Sociology, Auburn University (ENRP, Ph.D., Selfa)
15. Shannon Reilly, B.A. Communications, Ithaca College (Environmental Studies, M.S., Meisner)
16. Stephen Rook, B.S. Environmental Studies, SUNY ESF (GPES/ WWRS, M.S., Smardon)
17. Caroline Savage, B.A. International Relations, Syracuse University (Environmental Studies, M.P.S., Sonnenfeld)
18. MacKenzie Waro, B.S. Animal Sciences, Cornell University (Environmental Studies, M.S., Smardon)
19. Andrea Webster, B.A. French, Indiana University (Environmental Studies, M.S., Sonnenfeld)