

ANNUAL REPORT: June 1, 2009 – May 31, 2010
(i.e., Summer 2009, AY 2009-2010)
DEPARTMENT OF ENVIRONMENTAL AND FOREST BIOLOGY
SUNY-ESF

NAME: Kathleen McGrath

I. INSTRUCTIONAL ACTIVITIES

1. Regular Course Offerings

	<u>Course No.</u>	<u>Title</u>	<u>Credit Hrs.</u>	<u>No. Students</u>	<u>No. of Lab. Sections</u>
SUMMER:	EFB202	Ecol. & Biodiversity Assessment	3	80	0
FALL:					
SPRING:	EFB497	Aquatic Senior Synthesis Seminar	1	5	0

NOTE: PLEASE INDICATE WHICH COURSE(S) HAD A SERVICE-LEARNING COMPONENT AND BRIEFLY EXPLAIN THE NATURE OF THIS COMPONENT. For examples of service-learning in courses, see: <http://www.esf.edu/students/service/courses.htm>. Service-learning is a form of structured experiential education in which students engage with the community to be active learners, to enrich their sense of civic responsibility, and to explore practical application for course content. Faculty oversight, reflective thinking, and reciprocity are key components of service-learning. EFB courses currently listed with service-learning components include: 416/6/1, 486, 518, 521, 532, 446/646.

2. Non-Scheduled Course Offerings (e.g., 496, 899, 999)

<u>Course No.</u>	<u>Title</u>	<u>Credit Hrs.</u>	<u>No. Students</u>
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3. Continuing Education and Extension (short courses, workshops, etc.)

4. Guest Lecture Activities

<u>Course No.</u>	<u>Title</u>	<u>No. of Lectures</u>
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II. STUDENT ADVISING

A. Number of undergraduates for whom you are the student's official advisor 2 and unofficial advisor _____

B. Graduate Students: (Name, degree sought, starting date, month & year; if a degree was completed, please give date and full citation for the thesis or dissertation).

MAJOR PROFESSOR

Errol Scheid, MS, 9/09
Jason Hamidi, MS, 9/09

CO-MAJOR PROFESSOR

MEMBER, STEERING COMMITTEE (other than those listed above)

CHAIRMAN OR READER ON THESIS EXAMS, ETC.

Amanda Miner, M.S. Forest and Natural Resource Management, 3/29/10 “Twenty Years of USDA Forest Service Land Management Litigation”

III. RESEARCH COMPLETED OR UNDERWAY

A. Departmental Research (unsupported, boot-legged; title - % time spent)

B. 1. Grant-supported Research (source, subject, amount - total award and current year, award period starting and ending dates; list graduate research assistants supported by each grant)

- 1) **NYSDEC, “Assessment of Lake Sturgeon Stocking in the Oswego River Basin”
\$133,261 total/2 years, ~9/2008 – 6/2010, PI with co-PIs D. Carlson (NYSDEC), D. Dittman (USGS) M.S. student, Errol Scheid.**
- 2) **Syracuse Center of Excellence, “Life Down Under: the Forgotten Hyporheic Zone in Stream Restoration and Development of a BioIndicator of Subsurface Recovery” \$100,000/1 year, 6/30/09-7/31/2010, PI with Co-PI L. Lautz (SU); M.S. Student, Jason Hamidi (partial).**
- 3) **NSF, “Collaborative Research: Impacts of In-Stream Restoration On Hydrological, Chemical, and Biological Heterogeneity in the Hyporheic Zone”, \$ 463,056/5 yrs; 1/2010-12/14; PI with PI L. Lautz (SU), Co-PI T. Endreny, M.S. Student, Jason Hamidi (partial).**

2. Research Proposals pending (include information as in B.1., above).

3. Research Proposals submitted, but rejected (include information as in B.1, above)

IV. PUBLICATIONS (Full bibliographic citation, i.e., do not use "with Jones," or "Jones, et al."; please list only publications published, in press, or actually submitted during this reporting period --- **do not list manuscripts in preparation**).

- A. Refereed Publications
- B. Non-refereed Publications
- C. Papers Presented at Science Meetings (give title, date, occasion, and location)
- D. Public Service Presentations (lectures, seminars, etc. to and for the public; give group or occasion, date(s), and attendance)

V. PUBLIC SERVICE

- A. Funded Service (include consulting activities)
 - 1. Government Agencies (Federal, State, Local):
 - 2. Industrial and Commercial Groups, etc.
- B. Unfunded Service to Governmental Agencies, Public Interest Groups, etc.
 - * **Member, NYSDEC Fish Diversity Committee/Endangered Species Expert Panel**
 - * **ESF representative, Onondaga Lake Partnership Project Committee**
 - * **Member, Nonpoint Source Coordinating Committee, NYSDEC**
 - * **Instructor, Women In Nature Workshop, Camillus, NY**

VI. PROFESSIONAL DEVELOPMENT

- A. Professional Honors and Awards (for teaching, research, outreach, etc.)

- B. 1. Activities in Professional Organizations (offices held, service as chairman, member, participant or consultant)
 - 2. Professional Society Membership
 - American Fisheries Society**
 - Ecological Society of America**
 - 3. Other Professional Activities
 - a. Editorial activity

<u>Journal (s)</u>	<u>Responsibility</u>
<u>Other (books, symposia, etc.)</u>	

b. Reviewer

<u>Journal(s)</u>	<u>No. of manuscripts</u>
The Environmentalist	1

<u>Agency</u>	<u>No. of proposals</u>
NSF	1
USGS	1

Other

c. Participation (workshops, symposia, etc.)

<u>Name of workshop, etc.</u>	<u>Date</u>	<u>Place</u>
American Fisheries Society Fish ID Workshop	2/2010	Lake George, NY
American Fisheries Society NY Chapter Meeting	2/2010	Lake George, NY

C. Further Education/Re-training Undertaken, Leaves, Workshops, etc.

D. Foreign Travel (Where, When, Purpose)

VII. ADMINISTRATIVE AND SERVICE RESPONSIBILITIES (include committee participation)

A. Department-level

Member, Selection Committee for the Burgess Award

B. College-level

C. University-wide, including Research Foundation

VIII. SUMMARY OF SIGNIFICANT ACTIVITIES AND ACCOMPLISHMENTS DURING THIS REPORTING PERIOD, ESPECIALLY THOSE MOST NOTEWORTHY AND RELATIVE TO THE COLLEGE'S AND DEPARTMENT'S MISSION. One

paragraph on each of the following would be most helpful: this past year, what have you done for our students, department/college, and self professionally? NOTE: The information in this section (along with the supporting specific information elsewhere in this report) should be your strongest case for being considered for a discretionary raise, which I'll continue to award based on your contributions to the department and college this reporting period.

IX. A. FUTURE PLANS, AMBITIONS, AND POTENTIAL CONTRIBUTIONS FOR YOUR OWN PROFESSIONAL DEVELOPMENT AND THE ENHANCEMENT OF THE PROGRAM IN ENVIRONMENTAL AND FOREST BIOLOGY (brief summary)

B. PROJECTED ACTIVITIES FOR NEXT YEAR

1. Summer 2009

- a. Course(s) to be offered

- b. Proposed research activity

- c. University, professional society, and public service

2. Fall Semester 2009

- a. Course(s) to be offered

- b. Proposed research activity

- c. University, Professional society, and public service

3. Spring Semester 2010

- a. Course(s) to be offered

- b. Proposed research activity

- c. University, professional society, and public service