

SOCIETY OF WETLAND SCIENTISTS
STUDENT GRANTS PROGRAM – 2004 Annual Report

Prepared by Dr. J. Patrick Megonigal, Chair, SWS 2004 Student Grants Committee

- The 2004 Student Grants Committee consisted of Drs. J. Patrick Megonigal (Chair), James Anderson, Diane DeSteven, Walter Duffy, Eliska Rejmankova, Rebecca Schneider, and Denice Wardrop. Of 39 proposals submitted, 12 were selected for funding at \$1,000 each (Table 1).
- Ninety-five percent of the submissions were made electronically to a web site constructed and maintained by Dr. Kelman Wieder at Villanova University (Table 1).
- Each proposal was graded by three reviewers and given scores based on six criteria relevant to the merit of the proposed research. Reviewers were instructed to judge the proposal as *excellent*, *very good*, *good*, *fair* or *poor* on each criterion. They also provided written comments on the strengths and weaknesses of the proposal. Comments and rankings were sent to each student on June 18th.
- The successful proposals were chosen by converting the subjective ranks to numerical scores. In one case, an adjustment to these rankings was made to reflect differences among the reviewers in their score assignments.
- Funding success was independent of gender, SWS membership, prior SWS funding, or degree sought ($p > 0.05$, Appendix 1).

Respectfully Submitted,



Dr. J. Patrick Megonigal
Chair, 2004 SWS Student Grants Committee

Table 1. Categorical summary of students who applied for an SWS student grant in 2004.	
Variable	Summary
Degree Sought	B.S. 2; M.A./M.S. 20; Ph.D. 17
SWS Member?	SWS Member 21; Non-members 19
Previous SWS Funding?	Previous SWS Funding 5; No previous funding 34
Gender	Female 21; Male 18
Electronic Submission?	Electronic 37; Paper 2

Appendix 1 -- Statistical Analysis of successful SWS Student Grant applicants by several categorical variables.

Gender	Funded	
	No	Yes
Male	12	6
Female	15	6
Pearson's $\chi^2 = 0.1032$, $p=0.75$		

Degree Sought	Funded	
	No	Yes
B.A./B.S.	2	0
M.A./M.S.	15	5
Ph.D.	10	7
Pearson's $\chi^2 = 2.065$, $p=0.36$		

SWS Member?	Funded	
	No	Yes
No	13	14
Yes	6	6
Pearson's $\chi^2 = 0.011$, $p=0.92$		

Previous Funding?	Funded	
	No	Yes
No	24	3
Yes	10	2
Pearson's $\chi^2 = 0.229$, $p=0.63$		