

AGNES SCOTT COLLEGE
PROFESSIONAL ACTIVITIES REPORT
FACULTY ANNUAL REVIEW (PARFAR)
for the period of
April 1, 2005 – May 1, 2006

DEADLINE FOR COMPLETION OF PROFESSIONAL ACTIVITIES REPORT: MAY 26, 2006

The vice president for academic affairs/dean of the college annually requests that each full-time faculty member complete a professional activities report which documents the faculty member's activities and accomplishments in teaching, scholarship, and service, and an up-dated *curriculum vita*.

CELLS WILL EXPAND AS YOU TYPE OR PASTE TEXT.

Name: Jim Wiseman Rank: Assistant professor Department: Mathematics

☐ Department Chair? (click in box if "Yes")

Program Director for:

I. TEACHING

- A. # of courses and/or sections taught and number of students per course and/or section. Include Independent Study, Special Study, Internships, , etc.

Fall 2005	Course Name	Credit Hours	Course Number and Section	No. of Students Per Course/ Section Who Received a Grade
	Calculus I	4	118B	22
	Calculus I	4	118C	21
	Differential Equations	4	309A	6

Spring 2006	Course Name	Credit Hours	Course Number and Section	No. of Students Per Course/ Section Who Received a Grade
	Elementary Statistics	4	115A	23
	Calculus I	4	118A	18
	Mathematical Models & Applications	4	325A	8

Any course that is a new preparation or represents an extra course load?

118C in the Fall was an extra course, added at the last minute. Stats was a completely new preparation. I had taught versions of the other courses elsewhere.

ASC courses taught during the summer (either on or off campus)

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PROFESSIONAL ACTIVITIES REPORT 2004-2005

B. List curriculum and instructional development (development of new course(s), course revisions, new instructional initiatives, material development, team teaching, interdisciplinary teaching, global connections/awareness programs, pedagogical innovation, development of new experiments/demonstrations, lab manuals, new technology used in teaching)

Developed end-of-semester projects for 118 (calculus) and 115 (statistics)
With Donna Stroup's assistance, brought in Owen Devine from the CDC to lecture and talk with 325 (modeling) class

C. List on-campus guest lectures

"The role of mathematics in economics," for a joint math club/ economics club meeting, 2/22/06.

II. ACADEMIC ADVISING

A. Number of students advised

Number of students for whom you are the MAJOR academic advisor	Number of students for whom you are the MINOR academic advisor	Number with Undeclared Major
2		6

Number of self-designed majors advised: _____

B. List other on-campus advising roles

Gave presentation on "What you can do with a math major" for Math Programs Information Session, 10/24/05

Created flowcharts for math, math/econ, and math/physics major requirements, 10/05

III. SCHOLARSHIP

A. Scholarly Publications, Performances, and Exhibitions: **PUBLISHED, PERFORMED, OR EXHIBITED between April 1, 2005 and May 1, 2006.** Attach a copy of publication (title page only for books and the equivalent for software). List below in appropriate full citation style; be sure to include author(s), titles, editors if a review, publication or press name, date of publication, volume/issue number, and page numbers.

1. Books

2. Articles/Chapters in Books

3. Refereed articles in periodicals

4. Non-refereed articles in Journals, Newspapers, Magazines, and other periodicals

5. Conference Proceedings

PROFESSIONAL ACTIVITIES REPORT 2004-2005

6. Peer Reviewed conference papers

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7. Non-Peer Reviewed conference papers

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8. Performances, exhibitions, productions, recitals, etc. List title, date, location, and attach a program if available

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9. Book/Manuscript/Exhibition/Performance Reviews

Reviewed for Mathematical Reviews:

Changming Ding, "The omega limit sets of subsets in a metric space," Czechoslovak Math. J. 55(130), 2005.

Guanrong Chen and Zuohuan Zheng, "An equivalent relationship in discrete dynamical systems," Comput. Math. Appl. 49, 2005.

10. Editorials

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11. Computer software and other non-written works such as film, video, or slide package.

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12. Scholarly works published on a web site

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13. Papers/Posters presented at conferences and meetings. List date, meeting, conference or association name, location, title of presentation.

"Computation in dynamics," Montclair State University, April 2005.

"Growth rates for chain-transitive maps," Summer Conference on Topology and its Applications, Granville, OH, July 2005.

"Positive expansiveness," Carolinas Dynamics Symposium, Davidson, NC, April 2006.

14 Professional Reports

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B. Scholarly Publications *ACCEPTED for publication between April 1, 2005 and May 1, 2006.*

"Positively expansive dynamical systems," accepted for publication by Topology and its Applications, 10/2005

IV. PROFESSIONAL DEVELOPMENT

A. Faculty development in research sabbaticals. Describe (1) sabbatical awarded with synopsis of intention *or* (2) as completed with synopsis of accomplishment.

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B. List professional meetings attended [no presentation], special study, travel, etc., related to your discipline or to interdisciplinary work.

Attended Joint Mathematics Meetings, San Antonio, 1/12-1/15/06

PROFESSIONAL ACTIVITIES REPORT 2004-2005

Traveled to Dickinson College, Carlisle, PA, to work with co-author (Dave Richeson) 5/14-5/17/05, 6/24-6/26/05, 3/14-3/16/06

Richeson came to Decatur to work on joint research, 10/14-10/17/05

C. Professional Awards and Recognition (from city, state, national or international professional organizations including fellowships, memberships, tenure, promotion)

Award	From Whom?	For What?

V. SERVICE TO THE COLLEGE, STUDENTS, AND PROFESSION

A. List committee work, activities related to Admission (help with recruitment and admission), student-related activities such as FYI groups, etc.

helped organize Cookie Friday for math students (9/23/05)
served as judge for Speaking Center Student Speech Contest (12/1/05)
gave mock class for Sophomore Family Weekend (2/25/06)
sat in Relay for Life dunk tank at Spring Fest (it was cold) (4/7/06)
administered Mathematics Field Test to senior majors (4/18/06)
served as announcer for Scottie Math Bowl at SpARC (4/26/06)
opened classes to prospective students on numerous occasions

B. Professional activities for non-college audiences or organizations (judging, juries, consulting, organizing events, etc.)

C. Service to the Profession: (Offices held in professional associations)

D. List workshops attended, panels chaired or participated in, etc.

put together (proposed, organized, chaired) special session on Modern Dynamical Systems at Joint Mathematics Meetings, 1/12-1/15/06
attended CTL new faculty workshop, 8/18/05
attended CTL session on feminist pedagogies with Gail Cohee, 10/28/05
attended CTL session on designing and grading oral assignments (Wendy Atkins-Sayre), 4/12/06

E. Community Service

donated 6 pints of blood

F. Summer collaborative research

VI. FACULTY EXTERNAL GRANTS

Received:

\$ Amount	From Whom?	For What?	Date Begin/End

Requested:

PROFESSIONAL ACTIVITIES REPORT 2004-2005

\$ Amount	From Whom?	For What?	Application Pending or Denied?	Date of Notification

VII. PROFESSIONAL DEVELOPMENT GRANTS AWARDED (List and describe)

(with Amber Garcia, psychology dept.) Center for Teaching and Learning summer stipend for "Women in Math and Science: Examining Psychological Barriers to Learning"