**NATURAL SCIENCE DIVISION**

**FACULTY ACTIVITY 2012-2013**

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| --- | --- |
| Date | **5/1/2013** |
| Name | **Don Thompson** |

The purpose of this form is to detail all faculty activity completed during the period of May 15, 2012, to the present. Please complete the form in as much detail as possible.

**Scholarship**

1. **Research and Presentations**

Since May 15, 2012, please list all peer-reviewed publications, books, presentations, or other scholarly products that you have produced. Provide the full citation for each item and use *italicized font* to indicate the names of any undergraduate students who appear in the citations.

*Fitzgerald, G*., *Smith, G*., Kats, L.B., Thompson, D., & Herrera Paz, J. [Cardiovascular Health of Young Adults: A Comparative Study](http://dt.pepperdine.edu/projects/CVD-dt%20poster%20.pptx). Poster Presentation, SCCUR. November 17, 2012.

*Fitzgerald, G. Smith, G.* & Thompson, D. [College Student Health in US and Argentina](http://dt.pepperdine.edu/projects/CVD_CGU_poster_1.25.13%20.pptx). Poster Presentation, Student Research Conference, Claremont Graduate University. January 25, 2013.

Thompson, D. & Miller-Perrin, C.L. "[The Effects of Study Abroad on Student Identity, Faith, Global Citizenship, and Emotional Awareness](http://dt.pepperdine.edu/projects/lilly/netvue%202013%20-%20FINAL.pptx)". NetVUE. Commission of Independent Colleges and Universities. March 14, 2013.

*Jiang, W.* & Thompson, D. [The Impact of International Programs on Student Mental Development](http://dt.pepperdine.edu/projects/Wancen%20Jiang%20AYURI%204.4.13.pptx). Undergraduate Research Conference, Pepperdine University, April 4, 2013.

*Purcar, E.* & Thompson, D.. [College Student Identity and Emotional Intelligence](http://dt.pepperdine.edu/projects/purcar_thompson_omeis_emo_2013.pptx). Undergraduate Research Conference, Pepperdine University, April 4, 2013.

*Fitzgerald, G., Smith, G.* & Thompson D. [Cardiovascular Health of Young Adults: A Comparative Study](http://dt.pepperdine.edu/projects/Oral%20Presentation%20Fitzgerald,%20Smith,%20&%20Thompson%204.4.13%20AYURI.pptx). Undergraduate Research Conference, Pepperdine University, April 4, 2013

*Purcar, E.,* Miller-Perrin, C.L., & Thompson, D. "[College Student Identity and Emotional Intelligence](http://dt.pepperdine.edu/projects/purcar_thompson_omeis_emo_2013.pptx)". 27th National Conference on Undergraduate Research. Lacrosse, WI. April 11-13, 2013. (Accepted but student presenter unable to make the trip.)

*Fitzgerald, G.,* *Smith, G.,* & Thompson, D. "[Heart Disease Risk Among College Students](http://dt.pepperdine.edu/projects/Oral%20Presentation%20Fitzgerald,%20Smith,%20&%20Thompson%204.12.13%20NCUR.pptx)". 27th National Conference on Undergraduate Research. Lacrosse, WI. April 11-13, 2013.

1. **External Grants**

Since May 15, 2012, please list all grants that you have received from federal or state funding agencies, private foundations, or from other external (non-Pepperdine) funding agencies. Please provide a full citation for each grant including the grant title, funding agency, amount, submission date, and award date.

$10000 annual grant award from an anonymous donor to create and direct the Christian Spirituality Research Institute, as proposed in July 2012 ([CSRI Proposal Link](http://dt.pepperdine.edu/rtp13/CSRI-Proposal-July-2012.doc)). Grant will commence in FY14 and will be shared with Dr. Miller-Perrin.

Co-PI of $3M Department of Education Grant Proposal to create a cooperative Los Angeles Science Leadership Initiative with Loyola Marymount University. Grant Proposal Submitted April 26, 2013. [(Proposal Link)](http://dt.pepperdine.edu/projects/LASLI_DOE.docx)

1. **Undergraduate Research**

Since May 15, 2012, please list all undergraduate research projects that you have supervised. For each project, list the names of all students mentored, the project title, funding source(s), and the period of the project. For each project, make certain to note all presentation or publications that resulted from the project. Provide the full citation for each item and use *italicized font* to indicate the names of any undergraduate students who appear in the citations.

I have received four AYURI awards from Lee Kats to supervise student research this year.   
  
These are the four students: Eugenia Purcar (Fall 2012), Wancen Jiang (Spring 2013), Gina Fitzgerald (Spring 2013), & Gabriella Smith (Spring 2013). Their research project titles and outcomes are cited in part A.

**Teaching**

Since May 15, 2012, please list and briefly describe any significant or exceptional accomplishments in the area of teaching.

I made substantive changes to my Asian Great Books class this semester (GSHU425), with a radical revision of the reading list and increased inclusion of Brush Meditation (Chinese Calligraphy) and Spiritual Meditation Practices based on the work of Anthony de Mello.

In every course, I incorporate some aspect of Christian Meditation. These exercises are still recalled by alumni who took courses from me as long as 20 years ago. In the words of Father Gregory Boyle: “Two things matter most when teaching: 1) Know all of the students’ names ASAP and 2) It’s more important that they know you than that they know what you know.” I believe my students know me.

In my mathematics courses, I easily spend 2-3 hours each day tutoring students in my office. They find this very valuable and I am able, accordingly, to see deep longitudinal improvement in their mathematical maturity over the course of the semester. This practice enables me to be the best possible teacher and mentor to them at a pedagogically ideal level.

**Service**

Since May 15, 2012, please list and briefly describe any significant or exceptional forms of professional, university, college, divisional, or community service.

Dr. Miller-Perrin and I have been conducting research on spiritual development for 12 years. As a result, we continually are asked to assist various Pepperdine University departments, groups, and individuals as well as a number of colleagues around the country with their own research and with the findings we have unearthed. At the present time we are assisting colleagues at Azusa Pacific University, Fuller Theological Seminary, Bellarmine University, and the Lilly Endowment with their own research projects as well as Pepperdine colleagues Cooker Perkins and Kendra Killpatrick. We are actively consulting with and serving the following university groups and offices with their research needs: International Programs, Center for Faith and Learning, Office of Student Affairs, Year 2 Malibu, Office of Institutional Effectiveness, Center for the Family, Provost’s Office, and the Board of Regents.

In particular, on December 4, 2012, we made a critical presentation to the Religious Standards Committee of the Pepperdine University Board of Regents on [Spiritual Development at Seaver College](http://dt.pepperdine.edu/images/bor%20religious%20standards%20presentation%2012%204%2012%20FINAL.pptx).

On May 2, Dr. Miller-Perrin and I will be presenting some of our findings to the International Program Directors at their Annual meeting. Here is [our presentation](http://dt.pepperdine.edu/projects/IPDirectors5.2.13.pptx).

I continue to serve as an engineering consultant with Borett Automation of Westlake Village, doing software development on satellite communications.  
  
I am a member of Chaplain Dave Lemley’s Spiritual Development Task Force.  
  
Dr. Miller-Perrin & I have received a $1500 SRC grant this spring in order to conduct research on Life Purpose among Jewish, Hindu, and Muslim students.

I currently serve as a reviewer for the following journals:

* Knowledge Based Systems – published by Elsevier-Holland.
* IEEE Transactions on Cybernetics – Published by the IEEE.
* Proceedings of the National Conferences on Undergraduate Research – published by the Council on Undergraduate Research.
* Christian Higher Education: A Journal of Research, Theory, and Practice – published by Azusa Pacific University.

This last semester I served as the teacher of record for two students (Gina Fitzgerald & Gabriella Smith) in BIO590 for no charge to the university.

This last year I served as spiritual mentor to three students as part of the Convocation Office Spiritual Mentoring Program: *Nathan Boettcher, Dany Fu, and Rebecca Ingle*.

I wrote and will soon defend a critical SAC proposal to modify the unit values of two mathematics courses: Math 140 & 141, correcting an oversight that has been in place nearly 20 years.

I continue to sing in the Concert Choir each year, as I have for the last 20 years.

**Goals**

Please describe your goals for the next academic year.

Finish revision and resubmittal of an article for the Journal of Women in Higher Education.  
  
Finish a book prospectus on spiritual autobiographies of faculty for Jossey-Bass.  
   
Write a book prospectus on the spiritual development of college students for Jossey-Bass.  
  
Draft, revise, and publish an invited book chapter for the Jossey-Bass Future Directions in Higher Education Series, edited by Dr. Ann Highum of Luther College.

Publish a paper on life purpose discernment and action in major world religions.

Write a successful 3/2 Release time proposal for 2014-15. (I need your help, Dr. Honeycutt, since my last proposal was rejected.)

Submit two grant proposals for President Benton’s *Waves of Innovation* Program to provide 1) ongoing support of the Christian Spirituality Research Institute and 2) continued research on Cardiovascular Health among College Students in the US and abroad.

Recruit a talented research assistant for work with our newly formed Christian Spirituality Research Institute (CSRI).

Submit a grant to the Templeton Foundation for substantive CSRI support.

Publish the work of Gabriella Smith and Gina Fitzgerald on Cardiovascular Health in a suitable journal.

Work with Kendra Killpatrick to develop a Regent Scholars Tutorial Program for 2014-15.