

NSF – REFERENCES CITED INSTRUCTIONS AND SAMPLES

Reference information is required for each proposal. Proposers must be especially careful to follow accepted scholarly practices in providing citations for source materials relied upon when preparing any section of the proposal.

References must include:

- The names of all authors (in the same sequence in which they appear in the publication), the article and journal title, year of publication, book title, volume number, page numbers, and year of publication.
- If the article available electronically, the website address also should be identified. This section must include bibliographic citations only and must not be used to provide parenthetical information outside of the 15-page project description.

*Taken from the National Science Foundation's Grant Proposal Guide
http://www.nsf.gov/pubs/gpg/nsf04_23/nsf04_23.pdf

SAMPLES

Journals/Articles

Aktipis, Athena C. and Robert Kurzban. 2004. "Is *Homo Economicus* Extinct? Vernon Smith, Daniel Kahneman and the Evolutionary Perspective," in, Koppl, Roger edited, *Evolutionary Psychology and Economic Theory*, Amsterdam: JAI, an imprint of Elsevier Science.

Allais, M. 1953. "Le comportement de l'homme rationnel devant le risque, critique des postulats et axiomes de l'ecole americaine," *Econometrica* 21: 53-526.

Blanchard, E. B., Appelbaum, K. A., Radnitz, C. L., Michultka, D., Morrill, B., Kirsch, C., Hillhouse, J., Evans, D. D., Guarnieri, P. C., Attanasio, V., Andrasik, F., Jaccard, J. & Dentinger, M. P. (1990). Placebo-controlled evaluation of abbreviated progressive muscle relaxation and of relaxation combined with cognitive therapy in the treatment of tension headache. *Journal of Consulting and Clinical Psychology*, 58(2), 210-215.

Books

Barkow, Jerome, Leda Cosmides, and John Tooby, edited. 1992. *The Adapted Mind: Evolutionary Psychology and the Generation of Culture*. New York and Oxford: Oxford University Press.

Colander, David, Richard P. F. Holt, and J. Barkley Rosser, Jr. 2005. *The Changing Face of Economics: Conversations with Cutting Edge Economists*, Ann Arbor: University of Michigan Press.

NSF – FACILITIES, EQUIPMENT & OTHER RESOURCES INSTRUCTIONS AND SAMPLE

FACILITIES: *Identify the facilities to be used at each performance site listed and, as appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use “Other” to describe the facilities at any other performance sites listed and at sites for field studies. USE additional pages as necessary.*

Laboratory:

Clinical:

Animal:

Computer:

Office:

Other:

MAJOR EQUIPMENT: *List the most important items available for this project and, as appropriate identify the location and pertinent capabilities of each.*

OTHER RESOURCES: *Provide any information describing the other resources available for the project. Identify support services such as consultant, secretarial, machine shop, and electronics shop, and the extent to which they will be available for the project. Include an explanation of any consortium/contractual arrangements with other organizations.*

*The information was taken from NSF Form 1363 and the NSF Grant Proposal Guide
http://www.nsf.gov/pubs/gpg/nsf04_23/nsf04_23.pdf

SAMPLE

Paul T. Walker
Fairleigh Dickinson University
FACILITIES, EQUIPMENT & OTHER RESOURCES

FACILITIES: Identify the facilities to be used at each performance site listed and, as appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use “Other” to describe the facilities at any other performance sites listed and at sites for field studies. USE additional pages as necessary.

Laboratory: All experiments will be conducted in the laboratory at Center University in the Laboratory (CUL). The CUL is located in the Hudson Biology building on the campus. The laboratory will be exclusively available for proposed experiments for the one year period of the project.

Clinical:

Animal:

Computer: Fairleigh Dickinson University provides laptops to all faculty members. The standard image includes Microsoft Office, SPSS Basic, and a full installation of SAS. The University also provides VisualBasic.NET and Visual C++.

Office: Office space will be provided for Dr. Walker for this one year project.

Other: Dr. Walker will also utilize the laboratory at the University of Pennsylvania for this project

MAJOR EQUIPMENT: List the most important items available for this project and, as appropriate identifying the location and pertinent capabilities of each.

Fluorescence Microscopy System – This system is housed within the Center University Laboratory and will enable us to use the laser scanning confocal microscope simulator to collect serial optical sections from thick specimens.

OTHER RESOURCES: Provide any information describing the other resources available for the project. Identify support services such as consultant, secretarial, machine shop, and electronics shop, and the extent to which they will be available for the project. Include an explanation of any consortium/contractual arrangements with other organizations.

A graduate assistant will provide administrative support to Dr. Walker. A consultant will be hired to compile and analyze research data. He will have access to the extensive laboratory facilities in the School of Natural Sciences for project research.

NSF - BIOGRAPHICAL SKETCH INSTRUCTIONS AND SAMPLE

There is a two page limit for all Biographical Sketches.

Professional Preparation:

*List of all education and training in **chronological order**.*

Institution	Location	Major/Area	Degree	Year
Undergraduate Institution(s)				
Graduate Institution(s)				
Postdoctoral Institution(S)				

Appointments:

*List in **reverse chronological order** all academic/professional appointments beginning with most current.*

Position	Department	Institution	Location	Year

Publications:

List up to 5 publications most closely related to the proposed project and up to 5 other significant publications. Each publication must include the names of all authors (in the same sequence they appear in the publication)

Please note:

- Author's name is highlighted in bold text
- Semicolons are used between authors
- Titles of articles are denoted by quotations
- Titles of books are denoted in italics
- Publication dates are immediately after the authors' names
- Periods are used at the end of the citation

Most Relevant:

Other:

Synergistic Activities:

List up to 5 examples that demonstrate broader impact of individual's professional and scholarly activities. Examples: innovations in teaching and training and development and/or refinement of research tools.

Collaborators and Other Affiliations:

Collaborators and Co-Editors: *List all persons in alphabetical order who are currently or have been collaborators or co-authors on a project, book, article, report, abstract or paper in the past 4 years.*

Graduate and Post-Doctoral Advisors: *A list of the names of individual's graduate advisors(s) and principal postdoctoral sponsors*

Thesis Advisor and Postgraduate-Scholar Sponsor: *A list of all persons – including organizational affiliation – with whom the individual has had an association as thesis advisor or postgraduate-scholar sponsor (within the last 5 years). Indicate the total number of graduate students advised and postdoctoral scholars sponsored.*

SAMPLE

Biographical Sketch

Paul T. Walker

Professional Preparation

Institution	Location	Major	Degree	Year
ABC University	Ashland, FL	Biology	BS	1975
ABC University	Ashland, FL	Biology	MS	1982
Center University	Center, NJ	Biology	PhD	1990

Appointments

Position	Department	Institution	Location	Year
Professor	Biological Sciences	Center University	Center, NJ	1995
Associate Professor	Science	Boulder College	Rockwood, NJ	1987
Adjunct Faculty	Science	Crayton Community College	Ashland, FL	1982
Instructor	Science	Crayton Community College	Ashland, FL	1977

Publications:

Most Relevant:

Johnson, Erin; **Walker, P. T.** and Samuel Marshall Jr., 2000. "The Changing Face of Biology," Teaneck: University of New Jersey Press.

Walker, Paul T. and Mark Haston, 2005. "Family-School-Community Partnerships," Orangeburg, CT: Age Publishing.

Walker, P.T.; McCabe, M.; Smith, V. L. and A.J. Wilson. 2001. "Incremental commitment and reciprocity in a real time public goods game," *Personality and Social Psychology Bulletin*; 30(12), 1662-1673.

Walker, P.T. 2003. "Cell Attachment and Spreading on Metal Implant Materials," *Materials Science and Engineering*; 23, 395-400.

Gawalt, M. S.; **Walker, Paul. T.**; Donahue, M.; Silver, M. and G. Hanson. 2001. "Bonding to Alloys: Facilitating to Implants," *Langmuir*; 19, 200-204.

Synergistic Activities:

- Developed and made publicly available computer-based behavioral economics games for use in both classroom and research settings.
- Workshops: International Foundation for Research in Experimental Biology "Workshop in Experimental Biology". Graduate: 2002, 2003, 2004. Undergraduate: 2005. Institute for Research in Cognitive Sciences: Undergraduate: 2005.
- Implemented a database at the University of Pennsylvania that allows all members of the student body to register to become involved as a participant in paid experiments. System is used by other researchers, including others Schools within the University (Wharton).
- Organizing 18th annual meeting of the Human Behavior and Evolution Society, to take place at the University of Pennsylvania in June 2006.

SAMPLE

- Developed the University of Pennsylvania's Minor in Consumer Psychology, an Interschool Minor between *Arts & Sciences & Wharton*. Now available to students.

Collaborators and Other Affiliations:

Collaborators and Co-Editors

Boid, S. University of California Los Angeles, Los Angeles, CA
Burnhart, T. Harvard University, Cambridge, MA
Cameron, C. California Institute of Technology, Pasadena, CA
House, T. George Mason University, Fairfax, VA
Ishon, K. Hokkaido University, Hokkaido, Japan
Kirkpatrick, M. College of William and Mary, Williamsburg, VA

Graduate and Post-Doctoral Advisors

Akt, A. University of Pennsylvania, Dept. of Biology
Burke, B. University of California Santa Barbara (advised at Center University)
DeScio, P. University of Pennsylvania, Dept. of Biology
Evers, P. University of Pennsylvania, Dept. of Biology
Shore, J. University of Pennsylvania, Dept. of Biology (now working with R. Croson)

Thesis Advisor and Postgraduate-Scholar Sponsor

Dr. Amy C. Fisher, Graduate School, City University of New York
Dr. Cynthia A. Rivers, Graduate School, City University of New York

Total Number of Graduate Students Advised

Post-Doctoral Students Sponsored

**NSF – CURRENT AND PENDING SUPPORT
INSTRUCTIONS AND SAMPLE**

This section details required information on all current and pending support for ongoing projects and proposals from whatever source (Federal, State, local, public or private). The proposed project and all other projects for activities requiring a portion of time of the PI and other senior personnel must be included, even if they receive no salary support from the project(s). The total award amount for the entire project period must be shown as well as the number of person-months, per year, devoted to the project, regardless of the source. Similar information must be provided for proposals already submitted.

The sample below was taken from NSF Form 1239. Required information has been completed and highlighted.

Support:	<input type="checkbox"/> Current	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/> Submission Planned in Near Future	<input type="checkbox"/> *Transfer of Support
Project/Proposal Title: “Application of Gaseous Bose-Einstein Condensation in Quantum-Computational Devices”				
Source of Support: Federal				
Total Award Amount: \$100,000.00		Total Award Period Covered: 1/1/2007 – 12/31/2009		
Location of Project: Fairleigh Dickinson University				
Person-Months Per Year Committed to the Project.	2	Cal: 0	Acad: 0	Sumr: 2
Support:	<input checked="" type="checkbox"/> Current	<input type="checkbox"/> Pending	<input type="checkbox"/> Submission Planned in Near Future	<input type="checkbox"/> *Transfer of Support
Project/Proposal Title: “Partnership for Reform in Science and Mathematics”				
Source of Support: State				
Total Award Amount: \$250,000.00		Total Award Period Covered: 1/1/2006– 12/31/2007		
Location of Project: Fairleigh Dickinson University				
Person-Months Per Year Committed to the Project.	2	Cal: 0	Acad: 0	Sumr: 2

SAMPLE

Current and Pending Support

(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal.			
Investigator: Paul Walker, PhD	Other agencies (including NSF) to which this proposal has been/will be submit-		
Support: <input type="checkbox"/> Current <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support			
Project/Proposal Title: A Distributed-Hybrid Approach to Creating a Community of Practice Using NSF Funded Manufacturing Engineering Technology Curriculum Modules			
Source of Support: National Science Foundation			
Total Award Amount: \$209,917		Total Award Period Covered: 1/1/2008-12/31/2010	
Location of Project: Fairleigh Dickinson University			
Person-Months Per Year Committed to the Project. 3 Cal: Acad: 1 Sumr: 2			
Support: <input checked="" type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support			
Project/Proposal Title: Faculty Development in Collaborative Design and Rapid Tooling and Manufacturing			
Source of Support: National Institute of Justice			
Total Award Amount: \$98,281		Total Award Period Covered: 1/1/08-8/31/09	
Location of Project: Fairleigh Dickinson University			
Person-Months Per Year Committed to the Project. 3.35 Cal: Acad: 1.35 Sumr: 2			
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support			
Project/Proposal Title:			
Source of Support:			
Total Award Amount: \$		Total Award Period Covered:	
Location of Project:			
Person-Months Per Year Committed to the Project. 2 Cal: Acad: Sumr: 2			
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support			
Project/Proposal Title:			
Source of Support:			
Total Award Amount: \$		Total Award Period Covered:	
Location of Project:			
Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:			
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support			
Project/Proposal Title:			
Source of Support:			
Total Award Amount: \$		Total Award Period Covered:	
Location of Project:			
Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:			
*If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.			