



As Of May 2, 2014

NSF Proposal 01_Beagle Virginia

Model Bio Sketch

__Academic or Non-Academic (NSF Proposal Upload Requirement)

Summary: Format & Length Requirements

The Bio Sketch is recommended to be in one column format, 1 inch margin in all direction,

Time Roman Font Size 11 points or larger, Arial¹¹, Courier New, or Palatino Linotype at a font size of 10 points or larger. Microsoft Word document fine. The Fast Lane will automatically convert word documents to PDF Format as required for their protocol.

I. Model Academic Type Bio:

(01) Curriculum Vitae: George W. Hayfield

Education:

- B.S. in Physics, Stanford University, 1958
- M.S. in Engineering Science, University of California, Berkeley, 1964
- Ph.D. in Physics, University of California, Berkeley, 1964

Positions:

- NASA Moffet Field California, 1956, Aero-test technician.
- Sylvania Corp., Mt. View, California, 1958, Microwave-tube engineer.
- University of Pennsylvania, Philadelphia, 1964-1967, Assistant Professor of Physics.
- University of Oregon, Eugene, 1967-1968, Assistant Professor of Physics.
- University of Oregon, Eugene, 1968-1985, Associate Professor of Physics.
- University of Oregon, Eugene, 1985-present, Professor of Physics.
- U.S. Army Night-Vision Laboratory, 1986-present, consultant.
- Bend Research, Inc., 1987-present, consultant.

Selected Relevant Publications:

Rayfield, G.W., and T.R. Herrmann. 1976 . "A Measurement of the Proton Pump Current Generated by Bacteriorhodopsin in Black Lipid Membranes," *Bioch. et Bioche. Acta*, 443:623.

Rayfield, G.W., and T.R. Herrmann. 1978 . "The Electrical Response to Light of Bacteriorhodopsin in Planar Membranes," *Bioph. J.*, 21:11.

Rayfield, G.W. 1982 . "Kinetics of the Light-Driven Proton Movement in Model Membranes Containing Bacteriorhodopsin," *Biophys. J.*, 38:79.

Rayfield, G.W. 1983. "Events in Proton Pumping by Bacteriorhodopsin," *Biophys. J.*, 41:109.

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(02) Curriculum Vitae: Walter C. Babcock

Education:

- B.A. in Chemistry, University of California, San Diego, 1969
- M.Sc. in Physical Chemistry, University of Oregon, 1970
- Ph.D. in Physical Chemistry, University of Oregon, 1976

Employment:

- Bend Research, Inc., Bend, Oregon, 1976-present, President. Research and development in the areas of coupled-transport, reverse-osmosis and gas-separation membranes; also in advanced ion-exchange materials and thin films of light-absorbing polymers.

Relevant Publications (of 16 total):

Babcock, W.C., and W.T. Simpson. 1975. "Absorptive Trapping in Thin Dye Layers." *J. Chem. Phys.* 62:2.

Babcock, W.C. 1977 . "Excitonic Fluorescence and Absorptive Trapping Spectra of a Polymethinium Dye." *J. Chem. Phys.* 67:4770.

02. Model Non-Academic Type Bio:

(03) Curriculum Vitae: Magdalina E. Jefferson

Education:

. BA English Literature & Music, University By The Chesapeake Bay, Anapolis, Md, 1990

Certificate of Vocal Training, Northern Virginia Music School, 1991

Certificate of Guitar Training I & II , Northern Virginia Music School, 1992

Certificate of Theater Training, Artist Training School, 1993

Certificate of Community TV Production FCAC.ORG 1996

Employment:

Independent Vocal Performer and Musician 1993 to Present

Owner, Small Business, Café Bistro, 1996 to Present

Relevant Publications:

Song Writer & DVD Publisher

01. Magic of Love (1999)
02. Out of My Cobweb Mind (2001)
03. Let Bells Ring (Music Video DVD)

Synergistic Activities

Community Service Experience

Community TV Producer of Weekly TV Show at Fairfax, VA Community TV Station
“Innovation Lab TV__Cafe Twin” FCAC.ORG 2009- Present

03.Sample NSF Proposal Instructions

on BIO Sketch for NSF Proposal 01

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f. Biographical Sketch(es)

(i) Senior Personnel

A biographical sketch (limited to two pages) is required for each individual identified as senior project personnel. (See [GPG Exhibit II-7](#) for the definitions of Senior Personnel.) The following information must be provided in the order and format specified below.

Do not submit personal information such as **home** address; **home** telephone, fax, or cell phone numbers; home e-mail address; date of birth; citizenship; drivers' license numbers; marital status; personal hobbies; and the like. Such personal information is irrelevant to the merits of the proposal. If such information is included, NSF will make every effort to prevent unauthorized access to such material, but the Foundation is not responsible or in any way liable for the release of such material. (See also [GPG Chapter III.G](#)).

(a) Professional Preparation

A list of the individual's undergraduate and graduate education and postdoctoral training as indicated below:

Undergraduate Institution(s)	Major	Degree & Year
Graduate Institution(s)	Major	Degree & Year
Postdoctoral Institution(s)	Area	Inclusive Dates (years)

(b) Appointments

A list, in reverse chronological order, of all the individual's academic/professional appointments beginning with the current appointment.

(c) Products

A list of: (i) up to five products most closely related to the proposed project; and (ii) up to five other significant products, whether or not related to the proposed project. Acceptable products must be citable and accessible including but not limited to publications, data sets, software, patents, and copyrights. Unacceptable products are unpublished documents not yet submitted for publication, invited lectures, and additional lists of products. Only the list of 10 will be used in the review of the proposal.

Each product must include full citation information including (where applicable and practicable) names of all authors, date of publication or release, title, title of enclosing work such as journal or book, volume, issue, pages, website and Uniform Resource Locator (URL) or other Persistent Identifier.

(d) Synergistic Activities

A list of up to five examples that demonstrate the broader impact of the individual's professional and scholarly activities that focuses on the integration and transfer of knowledge as well as its creation. Examples could include, among others: innovations in teaching and training (e.g., development of curricular materials and pedagogical methods); contributions to the science of learning; development and/or refinement of research tools; computation methodologies, and algorithms for problem-solving; development of databases to support research and education; broadening the

participation of groups underrepresented in science, mathematics, engineering and technology; and service to the scientific and engineering community outside of the individual's immediate organization.

(e) Collaborators & Other Affiliations

- **Collaborators and Co-Editors.** A list of all persons in alphabetical order (including their current organizational affiliations) who are currently, or who have been collaborators or co-authors with the individual on a project, book, article, report, abstract or paper during the 48 months preceding the submission of the proposal. Also include those individuals who are currently or have been co-editors of a journal, compendium, or conference proceedings during the 24 months preceding the submission of the proposal. If there are no collaborators or co-editors to report, this should be so indicated.
- **Graduate Advisors and Postdoctoral Sponsors.** A list of the names of the individual's own graduate advisor(s) and principal postdoctoral sponsor(s), and their current organizational affiliations.
- **Thesis Advisor and Postgraduate-Scholar Sponsor.** A list of all persons (including their organizational affiliations), with whom the individual has had an association as thesis advisor, or with whom the individual has had an association within the last five years as a postgraduate-scholar sponsor. The total number of graduate students advised and postdoctoral scholars sponsored also must be identified.

The information in section (e) above of the biographical sketch is used to help identify potential conflicts or bias in the selection of reviewers. See [GPG Exhibit II-2](#) for additional information on potential reviewer conflicts