

BRADLEY R. JONES – CURRICULUM VITAE

Name: Bradley Ross Jones

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Date of Birth: 22 November 1955

Place of Birth: Butte, Montana, USA

Degrees: B.S. (Stanford University), Ph.D. (Stanford University)

Nationality: U.S. Citizen

EDUCATION

- 1974-1978 B.S., Stanford University (Biological Sciences, With Distinction)
1978-1986 Ph.D., Stanford University (Neurosciences)
1986-1988 Postdoctoral, University of California Davis (Neurophysiology)
1988-1992 Postdoctoral, University of Hawaii Manoa (Neurophysiology)

PROFESSIONAL APPOINTMENTS

- 1992-1998 Assistant Specialist (Computer Specialist/Network Administrator), Pacific Biomedical Research Center, University of Hawaii Manoa, Honolulu
1998-present Associate Specialist (Director, Computer Network Support Facility), Pacific Biosciences Research Center, University of Hawaii Manoa, Honolulu

AWARDS AND RECOGNITION

- 1978 Elected Phi Beta Kappa, Stanford University
1978-1981 NSF Graduate Fellowship, National Science Foundation
1986-1988 NIH National Research Service Award (NRSA) Individual Postdoctoral Fellowship, National Institutes of Health

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- 1979-present Society for Neuroscience

GRANTS AND CONTRACTS

Note: This list shows sources of salary and supply support for the Computer Network Facility (CNSF). These are not individual grant awards. This list shows primarily NIH center grants awarded to the Pacific Biomedical/Biosciences Research Center or the John A. Burns School of Medicine. In some of these grants the CNSF was part of a specific activity to provide information technology support, in others members of the CNSF staff were provided salary support only.

Current Funding

2011-present Source: Memorandum of Agreement with Office of Public Health Studies (OPHS)
CNSF Role: PBRC receives \$66,220 annual compensation in exchange for computer support services to the Department of Public Health provided by the Computer Network Support Facility.

2011-present Source: RCUH Revolving Fund (0002876)
Title: Computer Network Support Facility Poster Printing Service
CNSF Role: The Poster Printing Service had a gross income of \$101,130 for the period March 1, 2012 to October 9, 2020. \$76,560 of this income was used to offset salaries for Brad Jones and Scott Niimoto within the Computer Network Support Facility. There was very little income in 2020 or 2021 due to the Covid-19 effect on poster presentation events.

- 2021-2026 Grantor: NIH, National Institute of General Medical Sciences (NIMGS)
Grant Number: 1U54GM138062-01A1
Grant Title: Center for Pacific Innovations, Knowledge, and Opportunities (PIKO)
Principal Investigator: Kaholokula
Award Period: 09/01/2021-07/31/2026
CNSF Role: The dollar amount of support and FTE percentage for Jones have not yet been determined. As of October 25, 2021, work on this grant has begun. Services provided include server maintenance, web site development and maintenance, database programming and audio-visual/tele-conferencing support.
- 2018-2023 Grantor: NIH, National Institute of General Medical Sciences (NIMGS)
Grant Number: 2P20GM103466-17
Grant Title: INBRE IV - Hawaii Statewide Research and Education Partnership (HISREP)
Principal Investigator: Nichols
Award Period: 5/16/2018-4/30/2023
CNSF Role: Receiving 30% FTE annual salary support in exchange for providing web, server, audio-visual and video/tele-conferencing support services.
- 2018-2023 Grantor: NIH, National Institute of General Medical Sciences (NIMGS)
Grant Number: 5P20GM125508-03
Grant Title: Integrative Center for Environmental Microbiomes and Human Health
Principal Investigator: McFall-Ngai/Ruby
Award Period: 8/15/2018-7/31/2023
CNSF Role: Receiving 16.67% FTE annual salary support in exchange for providing web, server, audio-visual and video/tele-conferencing support services
- 2017-2022 Grantor: NIH, National Institute on Minority Health and Health Disparities (NIMHD)
Grant Number: 2U54MD007601-31 (Hedges)
Grant Title: Ola HAWAII
Principal Investigator: Hedges
Award Period: 9/1/2017-6/30/2022
CNSF Role: Receiving 30% FTE annual salary support in exchange for providing web site design, custom database programming, audio-visual and video/tele-conferencing services.

Prior Funding

- 2014-2020 Grantor: NIH, NIMHD
Grant Number: 2U54MD007584-04 (Hedges)
Grant Title: RCMI Multidisciplinary and Translational Research Infrastructure Expansion
Principal Investigator: Hedges

Award Period: 7/15/2014-4/30/2020

CNSF Role: Receiving approximately \$28,000 annual salary support (5% FTE Jones, 25% FTE Niimoto) for the Computer Network Support Facility in exchange for providing web, server, audio-visual and video/tele-conferencing support services.

- 2013-2018 Grantor: NIH, NIMGS
Grant Number: 5P20GM103466-13
Grant Title: INBRE III: Hawaii Statewide Research and Education Partnership (HISREP)
Principal Investigator: Nichols
Award Period: 9/30/2013-4/30/2018
CNSF Role: Received approximately \$37,800 annual salary support (30% FTE Jones, 20% FTE Niimoto) for the Computer Network Support Facility in exchange for providing web, server, audio-visual and video/tele-conferencing support services.
- 2010-2014 Grantor: NIH, NIMHD
Grant Number: 8U54MD007584-03
Grant Title: RCMI Multidisciplinary and Translational Research Infrastructure Expansion Hawaii
Principal Investigator: Hedges
Award Period: 9/16/2010-6/30/2014
CNSF Role: Received \$60,000 annual salary support starting in 2012 for the Computer Network Support Facility in exchange for serving as a member of the Biomedical Informatics Key Function and for providing web, server, audio-visual and video/tele-conferencing support services.
- 2008-2013 Grantor: NIH, NIMGS
Grant Number: 8P20GM103466-11
Grant Title: INBRE II: Hawaii Statewide Research & Education Partnership (HSREP)
Principal Investigator: Holmes
Award Period: 9/01/2008-7/31/2013
CNSF Role: Received \$50,000 annual salary support starting in 2012 for the Computer Network Support Facility in exchange for web, server, audio-visual and video/tele-conferencing support services.
- 2006-2011 Grantor: NIH, National Center for Research Resources (NCRR), Research Centers in Minority Institutions (RCMI)
Grant Number: 5 G12 RR003061-23
Grant Title: Research Outcomes Accelerating Discoveries for Medical Applications and Practice (ROADMAP)
Principal Investigator: Ostrander
Award Period: 8/1/2006-2/31/2011

CNSF Role: participant in Activity 4 – Biostatistics and Computer Core Support Services

Project Description: The goal of Activity 4 is to support infrastructure development of a biostatistics and computer facility including staffing, secure servers, large capacity data storage (for clinical research databases, genomic data, and imaging data), database management, online video conferencing, and conference support services.

2004-2009 Grantor: NIH, National Institute of Neurological Disorders and Stroke (NINDS), Specialized Neurosciences Research Program (SNRP)

Grant Number: 5 U54 NS039406-10

Grant Title: Emotion and Cognition on Gene, Cell and Systems Levels

Principal Investigator: Spiess

Award Period: 9/1/2004-8/31/2009

CNSF Role: IT and communications support

Project Description: The goal of the program is targeted at investigations of the modulation of attention, learning and memory, especially by stress, and of the mediating role of anxiety. The clinical targets include attention deficit disorder, anxiety and psychotic disorders.

2003-2004 Grantor: NIH, NCRR, RCMI

Grant Number: 3 G12 RR003061-18S2

Grant Title: Hawai'i RCMI Communications Technology Supplement

Principal Investigator: Cadman

Award Period: 9/1/2003-7/31/2004

CNSF Role: conception, design and implementation of the technology supplement

Project Description: The overall goal of this administrative supplement is to enhance the communications technology infrastructure available to the biomedical research community at the University of Hawai'i at Mānoa.

2001-2006 Grantor: NIH, NCRR, RCMI

Grant Number: 5 G12 RR003061-20

Grant Title: Selective Research Excellence in Biomedicine and Health

Principal Investigator: Shomaker

Award Period: 9/1/2001-7/31/2006

CNSF Role: participant in Activity 5-Core Support

Project Description: The overall goal of the project is to accelerate the “renaissance” in biomedical research for the new millennium. The project targets funding for four research activities—Molecular Pharmacology, Immunogenetic Diseases, Pathobiology of HIV-Associated Disorders, and HIV Immunology and Vaccine Core—and a Core Support Activity that supports further expansion of a Computer Network Support Facility and a Molecular Biology Core Facility and develops a new Biostatistics and Data Management Facility.

SKILLS AND EXPERIENCE

I've been involved with computers since the late 1970s when I took courses in computer programming at Stanford University. As a graduate student and postdoctoral fellow in neuroscience I wrote numerous programs in Assembly Code, Fortran, C and Basic for data acquisition and analysis. In 1992 I established the Computer Network Support Facility in the Pacific Biomedical Research Center at the University of Hawaii Manoa. This facility received continuous funding from the Research Centers in Minority Institutions Program from 1992 to 2011. As director of this facility I've developed extensive experience in network design and implementation, network security, server administration, desktop computer support, interfacing computers with laboratory equipment and the logistics of audio/visual support for seminars, meetings and conferences. I have more than 20 years of experience with Unix administration including email services, web services, file sharing, networking, security, databases and backups. Most recently, my programming efforts have included Perl, HTML, CSS, PHP and MySQL.

OVERALL SUMMARY

Since 2011 I've broadened the support base of the facility to include three major center grants at the John A. Burns School of Medicine, contract computer services for the Department of Public Health and a poster printing recharge service. These endeavors bring extramural or tuition funds into PBRC (see Current Funding). In FY 2022, my facility will bring over 150,000 to PBRC from outside sources (over \$200,000 if fringe is included). Approximately 76% of my FTE is paid from extramural funds.