

WILLIAM (BILL) STEPHEN GRIESAR

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(503) 914-7487; bgriesar@gmail.com; griesar@pdx.edu; bgriesar@nwnoggin.orgEducator (#scicomm, #sciart); Founder and Neuroscience Coordinator, nwnoggin.org

Society for Neuroscience; Portland State University SfN chapter representative

American Brain Coalition member

EDUCATION

- 6/96 - 6/01 **OREGON HEALTH & SCIENCE UNIVERSITY**, Portland, OR
Doctor of Philosophy (Ph.D.) in Behavioral Neuroscience, June 2001
- 10/98 - 6/01 Recipient, National Research Scholarship Award
 (through the National Institute on Drug Abuse, NIDA/NIH)
- 6/99 - 8/99 Lecturer, Portland Community College (developed and taught course on brain)
- 6/97 - 10/98 Recipient, National Institute on Drug Abuse (NIDA) training grant
- 6/97 - 10/98 Recipient, OHSU Tartar Fellowship
- 6/96 - 5/97 Recipient, National Institute of Alcohol Abuse & Addiction (NIAAA)
 training grant
- 8/83 - 6/87 **BROWN UNIVERSITY**, Providence, RI
Bachelor of Science, Neuroscience, with Honors
- 1/86 - 7/86 **UNIVERSITY OF SUSSEX**, Brighton, England

TEACHING EXPERIENCE

- 6/01 - present **PORTLAND STATE UNIVERSITY**, Portland, OR
 Fall/winter/spring Senior Instructor, Psychology. Developed and now teach Neurophysiological
 summer terms Psychology, Advanced Neurophysiological Psychology, Psychopharmacology,
 Perception, Psychology as Natural Science, Neuroscience of Memory, Neuro
 Outreach: The Brain in Real Life. Organized and coordinated, in 2011-2018
 with OHSU Behavioral Neuroscience to integrate graduate students into the
 Advanced course. Faculty advisor for PSU Neuroscience Club.
 BUILD EXITO NIH mentor for PSU undergraduates in Psychology.
Adjunct Instructor, Department of Speech & Hearing. Developed and taught
 undergraduate and graduate Neurology of Speech and Hearing course.
- Winner of John Eliot Allen Outstanding Teacher Award, 2007, 2010, 2013, 2017*
- 10/12 – present **OREGON HEALTH & SCIENCE UNIVERSITY**, Portland, OR
Affiliate Graduate Faculty/Visiting Scholar, Behavioral Neuroscience.
 Developed and now teach OHSU graduate students in a teaching practicum,
 with students integrated into advanced neuroscience classes at PSU.
- 6/01 – 6/17 **WASHINGTON STATE UNIVERSITY - VANCOUVER**, Vancouver, WA
 Fall and spring Instructor and Outreach Coordinator, Departments of Neuroscience, Psychology.
 summer terms Developed and taught courses, including Biological Basis of Behavior, Advanced
 Biological Basis of Behavior, Cognition/Memory, Biopsychology of Alcohol &
 Drugs, Neuroanatomy. Organized and coordinated, in 2011-2017 with OHSU
 Behavioral Neuroscience to integrate graduate students into Advanced
 course. Faculty advisor for WSU Neuroscience Club.

TEACHING EXPERIENCE (continued)

6/09 – 6/13 **PORTLAND COMMUNITY COLLEGE**, Portland, OR
 Fall/winter/spring Adjunct Instructor, Department of Alcohol & Drug Counseling. Developed terms; summer 6/09 and taught the core online biopsychology course for the department

OTHER EMPLOYMENT EXPERIENCE

4/95 - 5/96 **OREGON PARTNERSHIP FOR INTERNATIONAL EDUCATION**, Portland, OR
Coordinating Officer. Served as the liaison between Japan's Waseda University, the Oregon University System, and private Oregon universities. Facilitated development of collaborative cross-cultural academic programs by faculty and administrators from both Oregon and Japan.

9/90 - 4/95 **BEAVER COLLEGE CENTER FOR EDUCATION ABROAD**, Glenside, PA
Director, West Coast Office and Program Representative
 Established and directed the West Coast Office for Beaver College (now Arcadia University) in Portland, OR. Updated study abroad advisors and college students about study abroad options. Conducted orientations and participated in program development projects in Europe and Japan.

8/88 - 3/92 **INTERCULTURAL PRESS, INC.** Yarmouth, ME
Author. Researched and wrote The Underground Guide to University Study in Britain and Ireland, published by the Intercultural Press in 1992.

8/87 - 8/88 **JAPANESE MINISTRY OF EDUCATION**, Tokyo, Japan
High School English Teacher (*Japan Exchange and Teaching/J.E.T. Program*)
 Taught classes, planned and developed teaching techniques and materials, and served as cultural ambassador at ten high schools in Kagawa-ken, Japan.

PUBLICATIONS, POSTERS, GRANTS & AWARDS

6/12 – present *Ongoing posts and pictures for nwnoggin.org (see [Noggin Bloggin](#))*

1/18 **Juice Award**, Regional Arts & Culture Council (RACC), Clackamas, Multnomah & Washington counties, OR; award for outstanding achievement in expression, support and service in arts and culture in the tri-county area

12/17 **Grant**, Spirit Mountain Community Fund. I sought and was awarded \$5000 to develop and implement a “Native Storytelling and the Brain” outreach program in majority Grande Ronde tribal schools in Lincoln County.

11/17 **Griesar, W.S. & Leake, J.** (2017) “NW Noggin: Synaptic Community Connections in the Rural Pacific Northwest,” poster presentation at Society for Neuroscience conference, Washington DC (Teaching/Brain Awareness)

10/17 **“Smell, Memory, and Place,”** booklet published by Portland Art Museum for “Pitching Oregon” exhibit; text by **Griesar**, illustrations by **Leake**

9/17 **“Noggins + Education,”** interview (with Jeff Leake) with Shane Mauss for “Here We Are” podcast (Episode 136)

PUBLICATIONS, POSTERS, GRANTS & AWARDS

- 9/17 **“Noggins + Networking,”** interview with Shane Mauss for “Here We Are” podcast (Episode 134)
- 8/17 **“Brushstrokes & Brains,”** article/photo collaboration with Jeff Leake, published in SciArt Magazine
- 5/17 **Griesar W, Leake J (2017)** “NW Noggin: Connecting SfN outreach volunteers and schools in San Diego and DC.” Poster at: Society for Neuroscience Oregon/SW Washington chapter meeting.
- 3/17 **“Brain Awareness Week Partner Interview: NW Noggin,”** Dana Foundation; Interview with Bill Griesar (and Jeff Leake)
- 6/16 **“Brief: Outreach Group Spreads Love of Science in the Nation’s Capital,”** Society for Neuroscience; video of House “Brains + Art” briefing
- 11/16 **Griesar, W, Leake J (2016)** “NW Noggin: arts-integrated neuroscience outreach from the northwest to DC. Poster presented at: Teaching of Neuroscience session, Society for Neuroscience conference
- 11/16 **Griesar, W, Leake J (2016)** “NW Noggin: arts-integrated neuroscience outreach from the northwest to DC. Poster presented at: Brain Awareness Campaign Event session, Society for Neuroscience conference
- Spring, 2016 **Grant, Portland Alcohol Research Center (PARC), at OHSU.** I sought and was awarded \$4000 for three travel grants for graduate participants, and educational supplies in neuroscience outreach.
- 5/16 **Griesar W, Leake J (2016)** “NW Noggin: arts-integrated neuroscience outreach from the northwest to DC. Poster at: Society for Neuroscience Oregon/SW Washington chapter meeting. Judge for best graduate poster.
- 2/16 – 5/16 **GALLERY INSTALLATION, Phillips Collection, Washington DC;** developed a NW Noggin “Nature of Seeing” gallery space, to describe and explain the physiology of vision, as part of the Collection’s “Seeing Nature” exhibit. Wrote text for a series of four large panels featuring brain images from the Allen Institute for Brain Science.
- 2/16 **Brain Challenge Booklet, Phillips Collection, Washington DC;** Collaboration with artist Jeff Leake on a “[Nature of Seeing](#)” educational guide for the Phillips Collection (available at the museum through May, 2016) to help visitors of all ages explore the remarkable paintings in a “[Seeing Nature](#)” exhibit, and consider what’s happening in their own brains as they experience color, depth, feeling, memory, awe, surprise and other aspects of perception. My text in booklet.
- 3/16 **“Bringing Communities Together Through Neuroscience and Art,”** article for Neuronline, Society for Neuroscience, on NW Noggin outreach.
- 11/15 **Grant, US Bank Foundation.** I sought and was awarded \$5000 to support science & art outreach efforts in spring/summer, 2016.
- 10/15 **Brain Challenge Booklet, Portland Art Museum;** Collaboration with artist Jeff Leake and illustrator [Mia Nolting](#) on a “[Nature of Seeing](#)” educational guide for the Portland Art Museum (available at the museum through January 10, 2016) to help visitors of all ages explore the remarkable paintings in a “[Seeing Nature](#)” exhibit, and consider what’s happening in their own brains as they experience color, depth, feeling, memory, awe, surprise and other aspects of perception. My text in booklet.
- 10/15 – 1/16 **GALLERY INSTALLATION, Portland Art Museum, Portland, OR;** developed a NW Noggin “Nature of Seeing” gallery space, to describe and explain the physiology of vision, as part of museum’s “Seeing Nature”...

PUBLICATIONS, POSTERS, GRANTS & AWARDS

- ...exhibit. Wrote text for a series of four large panels featuring brain images from the Allen Institute for Brain Science.
- 9/15 **“8 Things: Advice for raising two teenage boys,”** published in True Parent magazine, September 2015, Index Newspapers LLC.
- 9/15 **“On being gay parents in a world that needs to meet more gay parents,”** published in True Parent magazine, September 2015, Index Newspapers LLC.
- Fall, 2015 **Griesar, W.S. & Leake, J. (2015), “NW Noggin: Collaborative neuroscience outreach in Portland and Vancouver - students, scientists and artists teach and learn about neuroscience through art,”** Poster presented at: Society for Neuroscience conference; Chicago, IL
- Spring, 2015 **Acknowledgement** for editing assistance on paper: Ignacio Díaz-Franulic, Romina V. Sepúlveda, Nieves Navarro-Quezada, Fernando González-Nilo, and David Naranjo, Pore dimensions and the role of occupancy in unitary conductance of Shaker K channels. *The Journal of General Physiology* (2015).
- Spring, 2015 **Grant**, Pacific Northwest College of Art. I sought and was awarded \$5000 for eight grants for undergraduate and graduate participants PNCA, and educational/art supplies in neuroscience outreach.
- Spring, 2015 **Grant**, Portland Alcohol Research Center (PARC), at OHSU. I sought and was awarded \$4000 for three travel grants for graduate participants, and educational supplies in neuroscience outreach.
- Spring, 2015 **Grant**, MESA of Clark County. I sought and was awarded \$5400 to support a summer program (2015) for academic priority students from Evergreen and Vancouver Public Schools on the WSU Vancouver campus.
- Spring, 2015 **Grant**, Washington State University Vancouver College of Arts & Sciences. I sought and was awarded \$6000 to support science & art outreach efforts in spring/summer, 2015. Additional \$1500 contributed by WSU Neuroscience.
- Fall, 2014 **Griesar W.S., Leake J., Hadenfeld, S., Miller L., Miller, M., Smith M.L., Tremaine E., Wescom R., Wirthlin M. (2014).** NW Noggin: Collaborative neuroscience outreach in Portland and Vancouver - undergraduates, graduates, scientists, middle and high school students work together to learn about the brain. Poster presented at: Society for Neuroscience conference, Washington DC
- Summer, 2014 **Grant**, Portland Alcohol Research Center (PARC), at OHSU. Awarded \$5000 for five travel grants for graduate participants, outreach supplies. **Grant**, Washington State University Vancouver College of Arts and Sciences. I sought and was awarded \$2750 to stock five science outreach kits with brain models, dissection equipment and other educational supplies.
- Summer, 2013 **Grant**, Association for Psychological Science. I sought and was awarded \$5000 to support neuroscience education efforts involving graduates and undergraduates from area universities who developed and delivered brain and behavior courses at three Portland Public Schools.
- Fall, 2013 **Griesar, W., Shaw, E., Lehman, K., Rudolph, M., Leake, J. (2013).** Cross-institutional collaboration in neuroscience outreach: Undergraduates, graduates, middle and high schoolers get together to learn about the brain. Poster session at: Society for Neuroscience conference, San Diego, CA.
- Fall, 2012 **Griesar, W., Mayko, Z.M. (2012).** Cross-institutional collaboration in neuroscience outreach: Undergraduates, graduates and middle schoolers get together to learn about the brain. Poster session presented at: Society for Neuroscience conference, Oct 13 – 17; New Orleans, LA.

PUBLICATIONS, POSTERS, GRANTS & AWARDS

- 2010 **Griesar, W.S.**, Morgan, M.M. (2010). Promise and Peril of Online Courses. Poster session presented at: Society for Neuroscience conference, 2010 Nov 13 – 17; San Diego, CA.
- 2002 **Griesar, W.S.**, Zajdel, D.P. & Oken, B.S. (2002). Nicotine effects on alertness and spatial attention in non-smokers. *Nicotine & Tobacco Research*, 4 (2): 185-194.
- 1998 Finn DA, Patterson B, Douglass AD, Mair JJ, Boehm S, **Griesar W**, Mitchell SR, Washington S, Gionet S, Gallaher EJ (1998) Genetic analysis of neuroactive steroid sensitivity. *Alcoholism: Clinical and Experimental Research*, 22:44A.
- 1992 **Griesar, Bill** (1992). The Underground Guide to University Study in Britain and Ireland. Yarmouth, ME: The Intercultural Press.

PUBLIC PRESENTATIONS AND SERVICE

I regularly make volunteer outreach visits to K-12 public schools and events – *more than 60 in 2017 alone!* I created a free public lecture series at Velo Cult, a Portland bike shop/pub, which brings together graduate and undergraduate students in neuroscience, psychology and art who collaboratively present on current, federally funded research efforts.

A sampling below: more details on ongoing activities are at this website: www.nwnoggin.org

PUBLIC PRESENTATIONS AND SERVICE

- 11/17 **Noggins in DC:** I organized a group of 15 graduate and undergraduate Noggin outreach participants, and arranged for their funded travel and participation in several high profile art and neuroscience outreach events during a full week in Washington DC. This effort included visits to two schools (Sidwell Friends and Turner Elementary, a “Brains + Art” briefing for the Neuroscience/ STEAM caucuses in the House of Representatives, a popular Art of Neuroscience booth at the Society for Neuroscience conference, and an NIH tour of Cajal prints and other research-inspired art
- 10/17 **“STEAM Ahead! Using Art and Science to Engage Underserved Communities,”** Wilsonville, OR; workshop for Oregon Arts Education Association (OAEA) conference participants
- 10/17 Training for Latino Network teachers and staff; presentation on research concerning changes in adolescent brain development, the neural benefits of bilingualism, and other relevant topics
- 10/17 NW Noggin at Tedx Mount Hood; info table for Tedx participants
- 10/17 **“Homelessness and the Brain in Research & Art.”** I collaborated with p:ear homeless youth center to put on this day long event, which welcomed graduate researchers studying sleep, stress, anxiety, depression, emotional regulation, racial bias, methamphetamine, alcohol, brain development and resilience, plus clinicians and policy makers – as well as data, art and testimony from community members without a home, to illuminate links between a lack of affordable housing and our brains
- 10/17 **Noggin Fest 2017;** helped organize and inaugurate first annual NW Noggin celebration of music, art and research at the Alberta Rose Theater

PUBLIC PRESENTATIONS AND SERVICE

- 7/17 “Mad Pursuit: Exploring Science through the Lens of Art,” Ford Gallery, Portland OR; arranged live musical performance by Shannon Entropy with simultaneous EEG recording and display, plus post-art show salon discussion at The Mechanical
- 7/17 Noggin outreach at OHSU Summer Academy to Inspire Learning (SAIL) program; provided brain/art education to 9-12th grade PPS students
- 6/17 **Science Reddit AMA** (“Ask Me Anything”): Took questions from over 3000 participants (21,000+ viewers worldwide) on subject of arts integration in STEM. Was temporarily the top Science Reddit AMA.
- 5/17 **Blue Mountain Brains**: Outreach in La Grande, Oregon with 15 Noggin volunteers and about 90 6th – 12th graders from six rural/frontier counties. Partnered with Northeast Oregon Area Health Education Center. Details: <http://nwnoggin.org/2017/05/21/blue-mountain-brains/>
- 4/17 Documentary film interview, Yonder Journal, Project Y, Portland OR (spoke about endurance athletics and the brain)
- 2/17 “Art, Pain & Cannabinoids: Results from Research,” presentation at third annual Cannabis Collaborative Conference, Portland OR
- 2/17 **Noggin outreach at P:ear**: I organized students from OHSU, PSU and WSU Vancouver to develop four Noggin Tuesday sessions at this homeless youth center, where volunteers engage in art projects that help teach about brains.
- 1/17 “Marijuana: Fact or Fiction,” presentation at Washington Academy of General Dentistry conference, Seattle WA
- 11/16 **Neuroscience Outreach panel participant**, Society for Neuroscience conference, San Diego CA: I was invited (along with Noggin co-founder Jeff Leake) to formally advise SfN on best practices in STEM outreach
- 11/16 **Noggins in San Diego**: I organized a group of 10 Noggin outreach participants at the Society for Neuroscience conference to visit two Title I San Diego public schools, who engaged middle school students in discussion of brain research. We brought the many pipe cleaner neurons these students created back to the conference, for a popular installation of colorful, networked brain cells!
- 10/16 **Participant in White House Frontiers conference**, Pittsburgh PA. Invited as one of 500 innovators identified by the White House Office of Science & Technology Policy to attend this event, meet fellow innovators in brain science and other fields, and hear from President Obama (who told me he “loved” our pipe cleaner neurons 😊)
- 10/16 **Noggin presentation on the Art & Neuroscience of Change** at the Portland Art Museum, as part of the Association for Change Management Professionals conference. Organized graduate and undergraduate presentations highlighting work from area neuroscience and psychology labs, and arranged for students from Fort Vancouver High School to create pipe cleaner neurons which hung as a dramatic network at the museum.
- 4/16 **Noggins in DC**: I organized a group of 26 graduate and undergraduate Noggin outreach participants, and arranged for their funded travel and participation in several high profile art and neuroscience outreach events during a full week in Washington DC. This effort included visits to two

PUBLIC PRESENTATIONS AND SERVICE

- Title I DC public schools, a “Brains + Art” briefing for the Neuroscience and STEAM caucuses in the House of Representatives, another “Brains + Art” briefing for the Health, Education, Labor and Pensions (HELP) committee in the U.S. Senate, a meeting with the Office of Science and Technology Policy at the White House, “Neuroscience Night” at the Phillips Collection, where we displayed brain-related art created by DC public school students earlier in the week, and a tour of Cajal prints and other research-inspired art at the National Institutes of Health.
- 3/16 – 4/16 “Noggin Wednesdays @ P:ear,” Organized volunteer neuroscience and art instruction at P:ear, a homeless youth drop in center in Portland
- 3/16 “Medical Marijuana: Fact or Fiction?” Panel discussion at Vancouver Community Library, Vancouver, WA
- 1/16 “Brain Watch” at Providence St. Vincent, Portland, OR; Arranged brain surgery experience with academic priority K-12 students (though Noggin)
- 11/15 “Beethoven, Brains & Bloody Mary’s,” Vancouver Symphony Orchestra; lecture on music and the brain at Brickstone Ballroom, Vancouver, WA
- 11/15 “In Dialogue: Art, Drugs and the Nature of Seeing,” Portland Art Museum. Two hour lecture delivered as part of the museum’s “In Dialogue” series, linked to the ongoing “Seeing Nature” exhibit
- 11/15 “There’s an app for that: Can neuroscience education lead to better health decisions,” Conference presentation, Jay D. Miller conference at WSU Vancouver; Spoke on the effectiveness of STEAM outreach efforts, and introduced student-developed myBrain! app, which superimposes a brain image on live video of someone looking at a screen
- 10/15 Brain presentation at the Portland Art Museum. Brought student volunteers and human brains to the NW Noggin “Nature of Seeing” gallery, as part of the museum’s ongoing “Seeing Nature” exhibit
- 10/15 “Noggin Wednesdays @ P:ear,” Organized volunteer neuroscience and art instruction at P:ear, a homeless youth drop in center in Portland
- 10/15 “Why art - and brains?,” Conference workshop, Oregon Arts Education Association, Ashland OR. Delivered a two hour workshop on arts integration in STEM, along with Jeff Leake of NW Noggin, and art students from PNCA.
- 10/15 “This is your brain on Vortex: The neuroscience (and art) of alcohol,” Ales and Ideas Clatsop Community College lecture, delivered at the Fort George Brewery, Astoria, OR.
- Summer, 2015 Supervised volunteer neuroscience educational outreach effort, funded by grants from MESA, Boys & Girls Club, SUN, Portland Alcohol Research Center at OHSU, PNCA, and WSU Neuroscience, involving graduates and undergraduates from OHSU, PSU, WSU-V and the Pacific Northwest College of Art, who developed and delivered courses on the brain and behavior to middle and high schoolers at five Portland Public Schools.
- 5/15 “Remixing the Museum: STEAM and New Media,” Portland Art Museum, Portland OR. Along with NW Noggin Arts Coordinator Jeff Leake, I was a featured speaker at this event for arts educators
- 3/15 “This is your brain on (legal) drugs: The neuroscience and art of cannabis and alcohol,” Science on Tap lecture with NW Noggin Arts Coordinator

PUBLIC PRESENTATIONS AND SERVICE

- Jeff Leake at the Kiggins Theater, Vancouver, WA
- 2/15 “The Science of E-cigarettes,” public panel presentation at Portland State University, hosted by the Neuroscience Club
- 2/15 “Gender Love and Sex,” public panel presentation at PSU, hosted by the Sociology Club, Psi Chi, Psychology Club, and the Neuroscience Club
- 11/14 “Marijuana and the Brain,” public lecture presented at Portland State University, on behalf of the PSU Neuroscience Club
- 11/14 Supervised eight undergraduates from PSU and WSU-V at the Society for Neuroscience conference in Washington DC. Secured housing, support.
- Summer, 2014 Supervised volunteer neuroscience educational outreach effort, funded by a Portland Alcohol Research Center (PARC) grant, a Regional Arts and Culture Council (RACC) grant, and a WSUV grant, involving graduates and undergraduates from OHSU, PSU, WSU-V and the Pacific Northwest College of Art, who developed and delivered courses on the brain and behavior to middle and high schoolers at five Portland Public Schools.
- 7/14 “Drugs and the Brain,” an eight hour training for the Chemical Dependency Training Consortium, Clark County Department of Corrections
- 5/14 “Bicycling and the Brain,” public lecture delivered at Velo Cult, at a fundraiser for neuroscience outreach (nwnoggin.org)
- 4/14 “Alcohol and the Brain,” public panel discussion at Portland State University, on behalf of the PSU Neuroscience Club
- 2/14 “Gender Love and Sex,” public panel presentation at Portland State University, hosted by the Sociology Club, Psi Chi, Psychology Club, and the Neuroscience Club
- Summer, 2013 Supervised volunteer neuroscience educational outreach effort, funded by an Association for Psychological Science grant, involving graduates and undergraduates from OHSU, PSU, WSU-V and the Pacific Northwest College of Art, who developed and delivered courses on the brain and behavior to middle and high schoolers at three Portland Public Schools.
- 3/13 “Marijuana and the Brain,” public lecture delivered at WSU Vancouver
- 1/13 “Marijuana and the Brain,” public lecture delivered at Portland State University, on behalf of an undergraduate student group, Scholars for Awareness of Neuroscience Education (SANE)
- Summer, 2012 Supervised collaborative volunteer neuroscience educational outreach effort at one Northeast Portland Public school (Sabin K-8)...
- 9/09 to 6/2013 Bike Train leader, Sabin K-8 School (PPS)
Winner, “Bike Train Coordinator of the Year,” 2011 (biketrainpdx.org)
- 9/08 to present SUN (Schools Uniting Neighborhoods) program volunteer (teacher for “AKA Science” program, Sabin Bike Club, brain classes)
- 9/06 to present Volunteer lecturer on the brain and nervous system at Parkrose High School (on behalf of the AVID program), and at multiple Portland Public Schools (Jefferson High School, Grant High School, and Sabin School (K-8)).
- 9/12 to present Volunteer lecturer on the brain and nervous system at Vancouver Public Schools (including Harney Elementary, Skyview High School, etc)
- 9/12 Volunteer lecturer on the brain and nervous system at Volunteers of America (a six month residential drug rehabilitation program in Portland, OR)