# **VÉRONIQUE ROBIGOU**

Ocean et Terra Studio

### www.oceanetterrastudio.com

(206) 605-3458 - verorn@comcast.net



# **ACADEMIC PREPARATION**

University of California Los Angeles

M.S. Geology	1984
Université Paul Sabatier, Toulouse, France	
Thesis Metamorphic Petrology	1981
B.S. Geology	1980
CONTINUING EDUCATION	
Art workshops and classes 2012-	pres.
Andie Thrams Studio, Mitchell Albala Studio, Mireille Racine Studi	0,
Seattle Art Museum, Gage Academy	·
University of Washington – Education Outreach	
Children's Book Writing Certificate	2011
Children's Book Illustration	2010
Natural Science Illustration Certificate	2010
University of California Berkeley - Lawrence Hall of Science	es
Communicating Ocean Sciences	2005
How people learn science and scientific principles, Pedagogical approach	hes
for diverse learners	
University of Washington – School of Communications	
Communicating Science	2003
Writing and illustrating articles for the written media - Northwest Scient Technology Magazine	ce and

## PROFESSIONAL EXPERIENCE

Artist, Natural Science Illustrator, Scientific Mediator	r and
Educator	2011-pres.

Ocean et Terra Studio, Seattle

**Research Scientist - Marine Geology** 1988-2008

University of Washington, School of Oceanography - See Science CV

#### ADDITIONAL EXPERTISE

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Teaching Artist		
Artist-in-Residence, IslandWood, Bainbridge Island, WA	2014-2018	
Art & Science Instructor, Kamiakin Middle School, Kirkland	2015-2017	
Art & Science Instructor, Liberty High School, Issaquah	2016-2019	
Art Instructor, Bastyr University, Kenmore, WA	2016-pres.	
Art Instructor, Evergreen State College, Olympia, WA	2016	
•	2015, 2018	
Rafting Expedition on Colorado River, Grand Canyon, AZ	2010	
Gallery Show Curator	2010	
A Celebration of the Natural World, Burke Museum, Seattle	-	
Teaching Experience	1989-pres.	
<ul> <li>Arts and Sciences Workshops and Presentations (See Presentations and Workshops below)</li> </ul>		
<ul> <li>Observations and Field Sketching Instruction for Canyone</li> </ul>	ore Inc :	
Rafting Expedition on Colorado River, Grand Canyon	ers me	
<ul> <li>Design and implementation of undergraduate and gradua</li> </ul>	te courses	
at UW: Communicating Ocean Sciences, Ocean Sciences and Fig.		
<ul> <li>Design and implementation of arts and sciences worksho</li> </ul>		
classes for faculty and students at universities and community of		
• Design and implementation of arts and sciences worksho		
audiences at nature centers, museums, aquaria and school	s.	
Scientific Communicator-Mediator	1988-pres.	
• Presentations to non-academic audiences (K-12 classroom		
aquaria, arts and sciences college classrooms, national and region advention and scientific conferences, media. Internet, and art of		
education and scientific conferences, media, Internet, and art gashows)	illeries ariu	
<ul> <li>Science Hostess for Live Internet &amp; TV Broadcasts</li> </ul>	2005	
UW TV - Visions'05	2005	
http://uwtv.org/series/vision-05/		
Featured Scientist in Science Documentaries		
• I cataled Scientist in Science Documentaries		
	1999	
"Volcanoes of the Deep" - <b>PBS NOVA</b> documentary http://www.youtube.com/watch?v=5JzUgi6YNIY	1999	
"Volcanoes of the Deep" - PBS NOVA documentary	1999 1994	
"Volcanoes of the Deep" - <b>PBS NOVA</b> documentary <a href="http://www.youtube.com/watch?v=5JzUgi6YNIY">http://www.youtube.com/watch?v=5JzUgi6YNIY</a> <b>The Jason Project</b> - Turner TV - Dr. R. Ballard	1994	
"Volcanoes of the Deep" - PBS NOVA documentary <a href="http://www.youtube.com/watch?v=5JzUgi6YNIY">http://www.youtube.com/watch?v=5JzUgi6YNIY</a> The Jason Project - Turner TV - Dr. R. Ballard  SYNERGETIC and COMMUNITY ACTIVITIES	1994	
"Volcanoes of the Deep" - PBS NOVA documentary <a href="http://www.youtube.com/watch?v=5JzUgi6YNIY">http://www.youtube.com/watch?v=5JzUgi6YNIY</a> The Jason Project - Turner TV - Dr. R. Ballard  SYNERGETIC and COMMUNITY ACTIVITIES  Expedition Leader	1994 <b>5</b> 2014-2018	
"Volcanoes of the Deep" - PBS NOVA documentary <a href="http://www.youtube.com/watch?v=5JzUgi6YNIY">http://www.youtube.com/watch?v=5JzUgi6YNIY</a> The Jason Project - Turner TV - Dr. R. Ballard  SYNERGETIC and COMMUNITY ACTIVITIES  Expedition Leader "Introduction to the Geology of Washington", 5 days of geo	1994 <b>5</b> 2014-2018	
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"Volcanoes of the Deep" - PBS NOVA documentary <a href="http://www.youtube.com/watch?v=5JzUgi6YNIY">http://www.youtube.com/watch?v=5JzUgi6YNIY</a> The Jason Project - Turner TV - Dr. R. Ballard  SYNERGETIC and COMMUNITY ACTIVITIES  Expedition Leader  "Introduction to the Geology of Washington", 5 days of geo 6 <sup>th</sup> graders, French American School of Puget Sound Membership Secretary	1994 2014-2018 blogy with	

# **Advancement Board Member**

2018

2011-pres.

and Communications Committee Chair

2012-2016

University of Washington, Friday Harbor Laboratories, San Juan Island. Collaborator with science and education researchers and faculty, K-12 science and art teachers, and informal educators.

2009-pres.

Design and facilitation of presentations, projects, and workshops blending arts and sciences content.

#### **EDUCATION AND OUTREACH PARTNERS**

University of Washington, Evergreen State College, Bastyr University, Pacific Science Center, Cornish College of the Arts, Everett Community College, Ocean and Research College Academy, Seattle University, Puget Sound University, American Museum of Natural History in New York, Burke Museum in Seattle, WGBH Public Broadcasting Television Boston, The JASON Project, Port Townsend Marine Center, Burke Museum, Horace Mann Elementary School, Kamiakin Middle school, Snohomish High School, Kenroy Elementary School, Canyoneers Inc., Seattle Aquarium, Issaquah High School, French American School of Puget Sound, IslandWood Environmental Learning Center, North Cascades Environmental Learning Center, Center for Ocean Science Education Excellence, National Science Teachers Association, American Geophysical Union, RIDGE and RIDGE 2000, Eckerd College, Université de la Rochelle in France, Universidad de Las Palmas in Gran Canaria-Spain and Université de Liège in Belgium.

#### **EXHIBITS**

- 2019-2020 Natural Science and Botanical Illustrators, organized by the Guild of Natural Science Illustrators Northwest, The Gardens at Town Center, Bellevue, WA, Oct 13 − Feb 16 2020
  - **2019 Jardin des Arts,** Le Jardin des Arts, Toulouse, France, Jun 15-22

http://lejardindesarts-toulouse.com/expositions.html

- **Natural Science and Botanical Illustrators,** organized by the Guild of Natural Science Illustrators Northwest, Aljoya Mercer Island, WA, Apr 8 Aug 28
- **Natural Musings**, Juried Exhibit organized by the Guild of Natural Science Illustrators Northwest, Washington State Convention Center, Seattle, WA, Jun 29 Sept 25
  - *Tide Pools to the Stars,* Ocean, Science, Art E-Gallery organized by AGU-ASLO-TOS, Feb 11 Feb 18 <a href="http://oceanscience.art/">http://oceanscience.art/</a>

• Science Inspires Art: OCEAN, 19th International, Art-Science Juried Exhibit organized by Art & Science Collaborations Inc. New York Hall of Science, New York, NY – Sept 16 2017 – Feb 28

https://www.sciartmagazine.com/blog/on-view-science-inspires-art-ocean-by-asci

- Pacific Northwest Botanical Artists, 10<sup>th</sup> Annual Exhibit, University of Washington Elisabeth E. Miller Library, Seattle, WA Apr. 7 May 6

  http://depts.washington.edu/hortlib/
  - Windows Underwater, Exhibit, Highline MaST Aquarium, Des Moines, WA March 31 May 31 https://mast.highline.edu/
- **2016 Dual Natures: Illuminating Illustrator's Mind**,
  Kittredge Gallery, Puget Sound University, Tacoma, WA –
  Oct0ober 2016
  - Nature's Call: Natural History of the West, Exhibit, Clymer Museum of the Art, Ellensburg, WA May 6 June 25

http://www.clymermuseum.com/exhibits.html#upcoming

Art in Science, Exhibit, East Shore Gallery, Bellevue, WA
 Mar.20 - May 22

http://esuc.org/blog/east-shore-gallery/

- Nature: With Hands and Eyes, Exhibit, Pacific Science Center, Seattle, WA Oct.15, 2015 Mar.31, 2016 https://www.pacificsciencecenter.org/news/science-illustrators-on-display/
- Nature: With Hands and Eyes, Exhibit, Pacific Science Center, Seattle, WA Oct.15, 2015 Mar.31
  - ◆ Pacific Northwest Botanical Artists, 8<sup>th</sup> Annual Exhibit,
     University of Washington Elisabeth E. Miller Library,
     Seattle, WA Apr. 3 May 2
     http://depts.washington.edu/hortlib/
- Imagining Science: Symbiosis Project, The Rising Sun Arts Centre, Reading, UK − March 15-22

  <a href="http://imaginingscience2013.blogspot.com">http://imaginingscience2013.blogspot.com</a>
  - **Drawing on Nature: Flora and Fauna** Juried exhibit, Washington State Convention Center, Seattle Jan. 15 Apr. 1
- The Spirit of Observation, Russell Day Gallery, Everett Community College, Everett − Jan. 7- Febr. 1

  http://www.everettcc.edu/russelldaygallery/
- **Couleurs de l'Espace**, Contest and Exhibit, The Space Museum, Toulouse, France September

• Geo Sapiens II – The Fusion of Geology and Art Exhibit, Two Walls Gallery, Vashon Island, WA – September 3-27

http://www.twowallgallery.com/geosapiens2.html

- **Madison Park Art Walk**, Seattle, WA September <a href="http://www.madisonparkartwalk.com">http://www.madisonparkartwalk.com</a>
- A Celebration of the Natural World Exhibit, Burke Museum, Seattle, WA Jul. 21-Oct. 31 Gallery Show Director/Curator
- Geo Sapiens The Fusion of Geology and Art Exhibit, Two Walls Gallery, Vashon Island, WA November
   Couleurs de l'Espace, Contest and Exhibit, The Space Museum, Toulouse, France September <a href="http://www.amis-cite-espace.org/assos\_2009/index-album.php">http://www.amis-cite-espace.org/assos\_2009/index-album.php</a>
   Jardin des Arts Exhibit, Jardin des Arts Studio, Toulouse, France June <a href="http://lejardindesarts-toulouse.com/expositions.html">http://lejardindesarts-toulouse.com/expositions.html</a>

#### ARTIST RESIDENCIES

- *IslandWood,* Artist in Residence, Environmental Center, Bainbridge Island, WA 2014 2019
- North Cascades Institute, Creative Residence, Learning Center,
   Diablo Lake, WA
- Whiteley Center McFarlane Studio, Creative Residence,
   University of Washington, Friday Harbor Laboratories, San Juan Island,
   WA
   2011, 2014 and 2016

#### PROFESSIONAL MEMBERSHIPS

Guild of Natural Science Illustrators, GNSI Northwest, American Geophysical Union.

#### ARTWORK

- ILLUSTRATIONS in TRADE BOOKS and SCIENTIFC JOURNALS
- Dr. Ian S.E. Carmichael's academic legacy spiral.

  Contributions in Mineralogy and Petrology, Preface of Vol. 166,
  Issue 3, 655-663, September 2013

  <a href="http://link.springer.com/article/10.1007/s00410-013-0930-1/fulltext.html">http://link.springer.com/article/10.1007/s00410-013-0930-1/fulltext.html</a>
- The Rocks Don't Lie: A Geologist Investigates Noah's Flood by David Montgomery, W.W. Norton and Company, 2012
- Introduction to the World's Oceans by Alyn C. Duxbury and Alison B. Duxbury, 4<sup>th</sup> edition, McGraw-Hill, **1994**

- Cover page. Robigou V., J.R. Delaney and D. Stakes, The High-Rise Hydrothermal Field: Endeavour Segment, Juan de Fuca Ridge, Geophysical Research Letters, Vol. 20, Issue 17, 1887-1890, 1993 <a href="http://onlinelibrary.wiley.com/doi/10.1029/93GL01399/abstract">http://onlinelibrary.wiley.com/doi/10.1029/93GL01399/abstract</a>
- **Geological map.** Robigou V., J.R. Delaney and D. Stakes, The High-Rise Hydrothermal Field: Endeavour Segment, Juan de Fuca Ridge, **Geophysical Research Letters**, Vol. 20, 1887-1890, **1993**
- **Geological map.** Delaney J.R., V. Robigou, R.E. McDuff and M.K. Tivey, Geology of a vigorous hydrothermal system on the Endeavour Segment, Juan de Fuca Ridge, **Journal of Geophysical Research**, v.97, p. 19,663-19,682, **1992** http://onlinelibrary.wiley.com/doi/10.1029/92JB00174/abstract

#### • ILLUSTRATIONS exhibited in INSTITUTIONS

- American Museum of Natural History, New York.

A scientific rendering of a large hydrothermal vent adorns the permanent exhibit "Why is Earth Habitable?" in the Gottesman Hall of Planet Earth.

http://www.amnh.org/exhibitions/permanent-exhibitions/rose-centerfor-earth-and-space/david-s.-and-ruth-l.-gottesman-hall-of-planetearth

- *University of Reading Herbarium, Reading, UK.*Artbook - Collaborative creation of artworks for the Symbiosis Book of the Symbiosis Project during Science Week in the United Kingdom. <a href="http://blogs.reading.ac.uk/crg/the-symbiosis-book-goes-digital/">http://blogs.reading.ac.uk/crg/the-symbiosis-book-goes-digital/</a>

#### RELEVANT PEER-REVIEWED PUBLICATIONS

Goehring, L., V. Robigou and K. Ellins, **2012**, Bringing Mid-Ocean Ridge Discoveries to Audiences Far and Wide – Emerging Trends for the Next Generations, Oceanography, Vol. 25, No.1, 286-298.

Other publications available upon request.

#### A Selection of PRESENTATIONS and WORKSHOPS

Robigou, V., **2020**, *Invited*, Weaving Art and Science to Create Ocean Stories, Winter Lecture Serie, Friday Harbor Laboratories, University of Washington, San Juan Island, WA.

Robigou, V., **2019**, *Invited*, A Sense of Place: Field sketching on research cruise, A. Kveven & J. Searle, 11<sup>th</sup> and 12<sup>th</sup> grade, Ocean Research College Academy, Everett Community College, Everett, WA.

Robigou, V., **2018**, Field Sketching on the Colorado River through the Grand Canyon, Canyoneers Inc., Flagstaff, AZ.

Robigou, V., **2017**, *Invited Artist*, At the Intersection between Arts and Sciences, D. Allen, 12th grade, Liberty High School, Issaguah, WA.

Robigou, V., **2017**, Teaching Artist, The Art of Maps, 4<sup>th</sup> and 5<sup>th</sup> grade, School Overnight Program, IslandWood Environmental Center, Bainbridge Island, WA.

Robigou, V., **2016**, *Invited Artist*, At the Interface between Art and Science, Dual Natures: Illuminating Illustrator's Mind, Kittredge Gallery, Puget Sound University, Tacoma, WA

Robigou, V., **2016**, Portrait of a Plant, Dr. F. Bowcutt – Picturing Plants Course. Pen and Ink workshops for botany students - Introduction to Pen and Ink techniques, development of skills and rendering of a complete plant scientific plate, Evergreen State College, Olympia, WA

Robigou, V., **2016**, The Art of Maps, Graduate students, Master of Environmental Education Program, North Cascade Institute, Environmental Learning Center, Diablo, WA.

Robigou, V., **2016**, Drawing to learn about plants, K. Dougherty, 6<sup>th</sup> grade, Kamiakin Middle School, Kirkland, WA.

Robigou, V., **2015**, *Invited*, Symbiosis between art and science – infusing science with color and inspiring art with science, Dr. D. Greenbaum, Biolunch, School of Oceanography, University of Washington, Seattle, WA.

Robigou, V., **2015**, *Invited*, Deep, Deep Down – Deep Sea Creatures Art Time Workshop, P. Trotter, 1<sup>st</sup> grade, Horace Mann Elementary School, Redmond, WA.

Robigou, V., **2015**, Geological Exploration of Washington State, C. Joubert, 6<sup>th</sup> grade, French American School of Puget Sound, Mercer Island, WA

Robigou, V., **2015**, *Invited*, Exploring the Deep-Sea, Mr. B. Robles, Marine Biology 12<sup>th</sup> grade, Issaquah High School, Issaquah, WA.

Robigou, V., **2014**, *Invited*, What Do Scientists Do? – Fossils Art Time Workshop, V. Paquette, 2<sup>st</sup> grade class, Kenroy Elementary School, Wenatchee, WA.

Robigou, V., **2014**, *Invited*, Deep, Deep Down – Deep Sea Creatures Art Time Workshop, J. Simpson, 1<sup>st</sup> grade class, Horace Mann Elementary School, Redmond, WA.

Robigou, V., **2014**, *Invited*, Submarine Volcanoes of the N.E. Pacific Ocean, Dr. M. Bertram, Ocean Change Course, Cornish College of the Arts, Seattle, WA.

Robigou, V., **2013**, Exploring visual strategies to communicate science concepts, B.K. Nelson, ESS 489 Honor Seminar, Department of Earth and Space Sciences, University of Washington, Seattle, WA.

Robigou, V., **2013**, *Invited*, Voyage dans les volcans sous-marins de la dorsale Juan De Fuca, C. Joubert, 8<sup>th</sup> grade class, French American School of Puget Sound, Seattle, WA.

Robigou, V. and K. Ellins, **2012**, *Invited*, Power and Pleasure of Visual Arts in Exploring Remote Environments, PA21B-06, American Geophysical Union, 2012 Fall Meeting, San Francisco, CA. 3-7 Dec. <a href="https://www.youtube.com/watch?feature=player\_embedded&v=cqmL7ztmdwU#">www.youtube.com/watch?feature=player\_embedded&v=cqmL7ztmdwU#</a> (Start at 1:05:47)

Robigou, V., **2012**, Using the Other Side of Your Brain, Center for Ocean Science Education Excellence, COSEE-OLC farewell event, Seattle Aquarium, Seattle, WA.

Robigou, V. **2012**, *Invited*, The Secret Life of Underwater Volcanoes, Dr. P. Weyer, Natural Science Illustration Certificate, University of Washington Education & Outreach, Seattle, WA.

Robigou, V. **2012**, *Invited*, Watercolor Reflections, Field painting workshop, Natural History Course, Dr. P. Tucker, Seattle University, Seattle, WA.