

## N I C L A S E N G E N E

Department of Biological Sciences  
Florida International University  
Miami FL 33199

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### EDUCATION

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- 2011 Ph.D., Oceanography with emphasis in Marine Biology  
Scripps Institution of Oceanography - University of California,  
San Diego (UCSD)
- 2005 B.Sc. and M.Sc., Chemistry, with major emphasis in Natural Products  
Chemistry and minor emphasis in Pharmaceutical Bioscience  
University of Gothenburg, Sweden
- 2005 B.Sc. and M.Sc., Marine Biology with emphasis in Marine Microbiology  
University of Gothenburg, Sweden

### RESEARCH INTERESTS

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Multidisciplinary research focused on elucidating the link between biological and chemical diversity of marine cyanobacteria; secondary metabolism in marine microorganisms with emphases on chemical ecology, natural products discovery, and chemotaxonomy; utilization of molecular-phylogenetic methods for directing and enhancing natural product discovery programs; molecular systematics, evolution, ecology, biogeography, and taxonomy of tropical marine cyanobacteria.

### RESEARCH EXPERIENCE

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- 2014-Present Assistant Professor: Department of Biological Sciences, Florida International University□
- 2013-2014 Postdoctoral Researcher: Department of Botany, National Museum of Natural History, Smithsonian Institution. Advisor: Valerie Paul
- 2011-2013 Postdoctoral Researcher: Smithsonian Marine Station at Ft. Pierce, Smithsonian Institution. Advisor: Valerie Paul
- 2006-2011 Graduate Researcher/Ph.D. Candidate: Scripps Institution of Oceanography, UCSD. Advisor: William Gerwick
- 2005-2006 Staff Research Associate II: Scripps Institution of Oceanography, UCSD  
Advisor: William Gerwick
- 2005 Graduate Researcher (M.Sc.): Scripps Institution of Oceanography, UCSD  
Advisor: William Fenical
- 2005 Graduate Researcher (M.Sc.): Marine Science Institute, University of the Philippines. Advisor: Giselle Concepcion
- 2004 Undergraduate Researcher: Institute of Molecular Bioscience, University of Queensland. Advisor: Richard Lewis

## PUBLICATIONS

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### 2013

**Engene, N.**; Byrum, T.; Thor, A.; Ellisman, M. H.; Gerwick, W. H.; Paul, V. J. (2013). Five Chemically Rich Species of Tropical Marine Cyanobacteria of the Genus *Okeania* gen. nov. (Oscillatoriales, Cyanobacteria). *J. Phycol.* 49: 1095-1106.

Pavlik, C. M.; Wong, C. Y. B.; Ononye, S.; Lopez, D. D.; **Engene, N.**; McPhail, K. L.; Gerwick, W. H.; Balunas, M. J. Santacruzamate A, a Potent and Isozyme Selective Histone Deacetylase (HDAC) Inhibitor from the Panamanian Marine Cyanobacterium cf. *Symploca* sp. *J. Nat. Prod.* 76: 2026-2033.

**Engene, N.**; Gunasekera, S. P.; Gerwick, W. H.; Paul, V. J. (2013). Phylogenetic Inferences Reveal Large Extent of Novel Biodiversity in Chemically Rich Tropical Marine Cyanobacteria. *Appl. Env. Microbiol.* 79: 1882-1888.

### 2012

Balunas, M. J.; Grosso, M. F.; Villa, F. V.; **Engene, N.**; McPhail, K. L.; Tidgewell, K.; Pineda, L. M.; Gerwick, L.; Spadafora, C., Kyle, D. E.; Gerwick, W. H. (2012). Coibacins A-D, New Anti-leishmanial Polyketides with Intriguing Biosynthetic Origins. *Org. Lett.* 14: 3878-3881.

Nunnery, J. K.; **Engene, N.**; Byrum, T.; Cao, Z.; Sairam, J.; Pereira, A.; Teatulohi, M.; Murray, T. F.; Gerwick, W. H. (2012). Biosynthetically-Intriguing Chlorinated Lipophilic Metabolites from Geographically Distant Tropical Marine Cyanobacteria. *J. Nat. Prod.* 77: 4198-4208.

**Engene, N.**; Rottacker, E. C.; Choi, H.; Byrum, T.; Kaštovský, J. H.; Komárek, J.; Ellisman, M. H.; Gerwick W. H. (2012). *Moorea producta* gen. nov., sp. nov. and *Moorea bouillonii* comb. nov., tropical marine cyanobacteria rich in bioactive secondary metabolites. *Int. J. Syst. Evol. Microbiol.* 62: 1172-1179.

Leão, P. N.; **Engene, N.**, Antunes, A.; Gerwick, W. H.; Vasconcelos, V. M. (2012). The chemical ecology of cyanobacteria. *Nat. Prod. Rep.* 29: 372-391.

Malloy, K. L.; Suyama, T. L.; **Engene, N.**; Debonisi, H.; Cao, Z.; Matainaho, T.; Murray, T. F.; Gerwick, W. H. (2012). Credneramides A and B: Neuromodulatory Phenethylamine and Isopentylamine Derivatives of a Vinyl chloride-containing Fatty Acid from a Papua New Guinea Collection of *Lyngbya* sp. *J. Nat. Prod.* 75: 60-66.

### 2011

**Engene, N.**; Choi, H.; Esquenazi, E.; Byrum, T.; Villa, F.; Murray, T.; Dorrestein, P. C.; Gerwick, L. G.; Gerwick, W. H. (2011). Phylogeny-Guided Isolation of Ethyl Tumonoate A from the Marine Cyanobacterium *Oscillatoria margaritifera*. *J. Nat. Prod.* 74: 1737-43.

Meyers, E.; Liu, W-T.; **Engene, N.**; Byrum, T.; Dorrestein, P. C.; Gerwick, W. H. (2011). Cytotoxic Veraguamides, Alkynyl Bromide Containing Cyclic Depsipeptides from an Unusual Marine Cyanobacterium cf. *Oscillatoria margaritifera*. *J. Nat. Prod.* 74: 928-936.

**Engene, N.**; Choi, H.; Esquenazi, E.; Rottacker, E. C.; Ellisman, M. H.; Dorrestein, P. C.; Gerwick, W. H. (2011). Underestimated Biodiversity as a Major Explanation for the Perceived Prolific Secondary Metabolite Capacity of the Cyanobacterial Genus *Lyngbya*. *Environ. Microbiol.* 13: 1601-1610.

Pereira, A. R.; Eitzbach, L.; **Engene, N.**; Müller, R.; Gerwick, W. H. (2011). Unusual Molluscicidal Chemotypes from a new Palmyra Atoll Cyanobacterium. *J. Nat. Prod.* 74: 1175-1181.

**Engene, N.**; Gerwick W. H. (2011). Intra-genomic 16S rRNA Gene Heterogeneity in Cyanobacterial Genomes. *Fottea* 11: 17-24.

Malloy, K. L.; Villa, F.; **Engene, N.**; Matainaho, T.; Gerwick, L. G.; Gerwick, W. H. (2011). Malyngamide 2, a Bioactive Metabolite from the Papua New Guinea Marine Cyanobacterium *Lyngbya sordida*. *J. Nat. Prod.* 74: 95-98.

Gutierrez, M.; Tidgewell, K.; Capson, T.; **Engene, N.**; Almanza, A.; Manfred, J.; Jarg, S.; Gerwick, W. H. (2011). Malyngolide Dimer, a Bioactive Symmetric Cyclodepside from the Panamanian Marine Cyanobacterium *Lyngbya majuscula*. *J. Nat. Prod.* 73: 709-711.

## 2010

**Engene, N.**; Coates, R. C.; Gerwick W. H. (2010). 16S rRNA Gene Heterogeneity in the Filamentous Marine Cyanobacterial Genus *Lyngbya*. *J. Phycol.* 46: 591-601.

Pereira, A. R.; Cao, Z.; **Engene, N.**; Soria-Mercado, I. E.; Murray, T. F.; Gerwick, W. H. (2010). Palmyrolide A, a New Neuroactive Macrolide from a consortium of two Palmyra Atoll Cyanobacteria. *Org. Lett.* 12: 4490-4493.

Choi, H.; **Engene, N.**; Smith, J. E.; Preskitt, L. B.; Gerwick, W. H. (2010). Crossbyanols A–D, Toxic Brominated Polyphenyl Ethers from the Hawaiian Bloom-forming Cyanobacterium *Leptolyngbya crossbyana*. *J. Nat. Prod.* 73: 517-522.

Tidgewell, K.; **Engene, N.**; Byrum, T.; Valeriote, F. A.; Gerwick, W. H. (2010). Diversification of a Modular Natural Product Pathway: Production of Apratoxins F and G, Two Cytotoxic Cyclic Depsipeptides from a Palmyra Collection of *Lyngbya bouillonii*. *ChemMedChem.* 11: 1-11.

Choi, H.; Pereira, A. R.; Cao, Z.; Shuman, C. F.; **Engene, N.**; Byrum, T.; Matainaho, T.; Murray, T. F.; Mangoni, A.; Gerwick, W. H. (2010). The Hoiamidides, Structurally-Intriguing Neurotoxic Lipopeptides from Papua New Guinea Marine Cyanobacteria. *J. Nat. Prod.* 73: 1411-1421.

Taniguchi, M.; Nunnery, J.; **Engene, N.**; Esquenazi, E.; Byrum, T.; Dorrestein, P.C.; Gerwick, W.H. (2010). Palmyramide A, a Cyclic Depsipeptide from a Palmyra Atoll

Collection of the Marine Cyanobacterium *Lyngbya majuscula*. *J. Nat. Prod.* 73: 393-398.

### Before 2010

Clark, B. R.; **Engene, N.**; Teasdale, M. E.; Rowley, D. C.; Matainaho, T.; Valeriote, F. A.; Gerwick, W. H. (2008). Natural Products Chemistry and Taxonomy of the Marine Cyanobacterium *Blennobrix cantharidosmum*. *J. Nat. Prod.* 71: 1530-1537.

Simmons, T. L.; **Engene, N.**; Urena, L.; Romero, L. I.; Ortega-Barria, E.; Gerwick, L.; Gerwick, W. H. (2008). Viridamides A and B, Lipodepsipeptides with Antiprotozoal Activity from the Marine Cyanobacterium *Oscillatoria nigro-viridis*. *J. Nat. Prod.* 71: 1544-1550.

Gutierrez, M.; Suyama, T.; **Engene, N.**; Wingerd, J.; Matainaho, T.; Gerwick, W. H. (2008). Apratoxin D, a Potent Cytotoxic Cyclodepsipeptide from Papua New Guinea Collections of the Marine Cyanobacteria *Lyngbya majuscula* and *Lyngbya sordida*. *J. Nat. Prod.* 71: 1099-1103.

Gerwick, W. H.; Coates, R. C.; **Engene, N.**; Gerwick, L. G.; Grindberg, R.; Jones, A.; Sorrels, C. (2008). Giant marine cyanobacteria produce exciting potential pharmaceuticals. *Microbe.* 3: 277-284.

Gerwick, W. H.; Byrum, T.; Carland, T.; R. Coates, C.; **Engene, N.**; Esquenazi, E.; Gerwick, L.; Grindberg, R.; Johnson, M.; Jones, A.; Malloy, K.; Nunnery, J.; Pereira, A.; Soria, I.; Sorrels, C.; Taniguchi, M.; Tidgewell, K.; Villa, F.; Vining, O.; Dorrestein, P.; Gu, L.; Sherman, D. H. (2008). Integrating Chemical and Biochemical Approaches to Natural Products Drug Discovery from Marine Cyanobacteria, Proceedings from the New Developments in Drug Discovery on Natural Products and Traditional Medicines. NIPER, India, 33-43.

Simmons, T. L.; Coates, R. C.; Clark, B. R.; **Engene, N.**; Gonzalez, D.; Esquenazi, E.; Dorrestein, P. C.; Gerwick, W. H. (2007). Biosynthetic origin of natural products isolated from marine microorganism-invertebrate assemblages. *PNAS.* 105: 4587-4594.

### AWARDS, HONORS AND GRANTS

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Smithsonian Institution, Small Grant Award (co-PI). Project title: "Biodiversity and Genomic Studies of Benthic Marine Cyanobacteria from Puerto Rico", \$4880 (2014)

NSF travel award to participate in the University of Texas at Austin "Symposium and Workshop on New Methods for Phylogenomics and Metagenomics", \$500 (2012)

Smithsonian Marine Science Network Postdoctoral Fellowship. Project title: "Taxonomic, Spatial and Temporal Distribution of Bioactive Secondary Metabolites in Tropical Marine Cyanobacteria", \$110,000 (2011-2013)

Phycological Society of America (PSA) Grants-In-Aid. Project title: "Taxonomy of Tropical Marine Natural Products-producing Cyanobacteria of Panama", \$1,000 (2011)

Paul Silva Student Grant, International Phycological Society. Project title: "Revision of the

Genus *Lyngbya* and Description of *Moorea* gen. nov. (Cyanobacteria), a Tropical Marine Cyanobacterial Genus Prolific in Bioactive Secondary Metabolites”, \$1,000 (2010)

Lynn Brady Travel Award – for presentation at the American Society of Pharmacognosy annual meeting. Title: “Synergizing Cyanobacterial Phylogenetics with Natural Products Drug Discovery”, \$500 (2010)

ZoBell Award – for significant contribution to the field of microbiology at the Scripps Institution of Oceanography, \$2,000 (2009-2010)

Edna Bailey Sussman Fellowship. Project title: “Molecular-genetic techniques for improvement of algae cultivation in generating biofuel”, \$8,000 (2009)

Halliday Student Field Research Award. Project title: “Secondary Metabolite Diversity from Cyanobacteria of the Caribbean Island of Curacao”, \$3,000 (2008)

Swedish-American Foundation and Wallenbergska Foundation. Project title: “Natural Products Discoveries from Tropical Marine Cyanobacteria”, \$35,000 (2006)

Willinska Foundation. Project title: “Isolation and Identification of Bioactive Secondary Metabolites Produced by the Marine Bacterium *Pelagiobacter variabilis*”, \$5,000 (2005)

Exchange student scholarship (University of Queensland, Australia), \$30,000 (2004)

Adelbertska Foundation. Undergraduate research support, \$1,000 (2003)

## **SCIENTIFIC MEETINGS**

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Southeastern Microbiology Summit □ Joint meeting of Southeastern and Florida □ Branches of American Society for Microbiology, Ponte Vedra beach, FL, Sept 2014 – Marine Microbiology [Session chair]

Marine Natural Products, Gordon Research Conferences, Ventura, CA, March 2014 – “Understanding Biodiversity for Targeted Natural Product Discoveries in Marine Cyanobacteria” [Poster]

Indian River Lagoon Symposium (IRLS), FAU, Harbor Branch, FL, Feb 2014 – “Taxonomic Descriptions of Novel Cyanobacteria with Ecological and Biomedical Relevance in the Indian River Lagoon” [Speaker]

North Florida Marine Science Symposium, Whitney Laboratory for Marine Bioscience, FL, Jan 2014 – “Understanding Biodiversity for Targeted Natural Product Discoveries in Marine Cyanobacteria” [Speaker]

7th US HAB Symposium, Sarasota, FL, Oct 2013 – “Taxonomic Descriptions of Novel Cyanobacterial Biodiversity for Monitoring, Surveying, and Controlling Cyanobacterial Harmful Algal Blooms (cyanoHABs)” [Speaker]

35<sup>th</sup> Southeastern Phycological Colloquy (SEPC), Dauphin Island Sea Lab, AL, Sept 2013 – “*Hyalidium penicilliformis* gen. nov., sp. comb. nov. (Oscillatoriales), a pantropical marine cyanobacterium with biomedical relevance” [Speaker]

10<sup>th</sup> International Phycological Congress, Orlando, Florida, Aug 2013 – “Identification of Novel Cyanobacterial Biodiversity for Monitoring, Surveying, and Controlling Cyanobacterial Harmful Algal Blooms (cyanoHABs) in Southern Florida” [Speaker]

19<sup>th</sup> Symposium of the International Association for Cyanophyte Research, Cleveland, Ohio, July 2013 – “Five Chemically Rich Species of Tropical Marine Cyanobacteria of the Genus *Tropicimarinus* gen. nov. (Oscillatoriales, Cyanobacteria)” [Speaker]

Center of Excellence in Biomedical and Marine Biotechnology Symposium, Florida Atlantic University, April 2013 – “Recognition of Novel Cyanobacterial Biodiversity for Targeted Natural Product Discoveries” [Speaker]

ASLO 2013 Aquatic Sciences Meeting, New Orleans, Feb 2013 – “Understanding the Ecology and Phylogeny of Bloom Forming Cyanobacteria in the Indian River Lagoon, Florida” [Poster]

Indian River Lagoon Symposium (IRLS), Harbor Branch Oceanographic Institution, FL, Feb 2013 – “Recognition of Novel Cyanobacterial Biodiversity for Monitoring and Predictions of Harmful Cyanobacterial Blooms in the Indian River Lagoon, FL” [Speaker]

University of Florida Marine Biology Symposium (UFMBS), the Whitney Laboratory, FL, Jan 2013 – “Recognition of Novel Cyanobacterial Biodiversity for Monitoring and Predictions of Harmful Cyanobacterial Blooms in Southern Florida” [Speaker]

34<sup>th</sup> Southeastern Phycological Colloquy (SEPC), Jacksonville, FL, Oct 2012 – “*Tropicimarinus villus* gen. nov., sp. nov., *T. pulvinus* sp. nov., *T. epiphytica* sp. nov., *T. erythrofloccus* sp. nov., *T. flagellum* sp. nov., five new marine natural products-rich species of cyanobacteria” [Speaker]

Phycological Society of America Annual Meeting, Charleston, South Carolina, June 2012 – “Taxonomic Revisions of Marine Cyanobacteria to Facilitate Natural Products Discoveries and Harmful Algae Bloom Monitoring” [Speaker]

33<sup>rd</sup> Southeastern Phycological Colloquy (SEPC), Miami, FL, Oct 2011 – “Novel Biodiversity of Natural Products-producing Tropical Marine Cyanobacteria” [Poster]

52<sup>st</sup> Annual Meeting of the American Society of Pharmacognosy (ASP), San Diego, CA, July, 2011 – “Underestimated Biodiversity: a Rationale for the Skewed Perception of Natural Products in Marine Cyanobacteria” [Poster]

International Cooperative Biodiversity Groups (ICBG) Panama Program - Annual Meeting 2011, Panama City, Panama, May 2011 – “Making Sense of the Chaos of Cyanobacterial Taxonomy – a Multidisciplinary Approach” [Speaker]

International Cooperative Biodiversity Groups (ICBG) Panama Program - Annual Meeting 2011, Panama City, Panama, May 2011 – “Novel Natural Product-producing Cyanobacteria from Panama” [Poster]

18<sup>th</sup> Symposium of the International Association for Cyanophyte Research (IAC), Cheské Budjovice, Czech Republic, August 2010 – “Revision of the Genus *Lyngbya* and Description of *Moorea* gen. nov. (Cyanobacteria), a Tropical Marine Cyanobacterial Genus Prolific in Bioactive Secondary Metabolites” [Speaker and Poster]

51<sup>st</sup> Annual Meeting of the American Society of Pharmacognosy (ASP) and the Phytochemical Society of North America, St. Petersburg, FL, July, 2010 – “Synergizing Cyanobacterial Phylogenetics with Natural Products Drug Discovery” [Poster]

10<sup>th</sup> Cyanobacterial Molecular Biology Workshop, Lake Arrowhead, CA, June 2010 – “Underestimated Biodiversity as a Major Explanation for the Perceived Prolific Secondary Metabolite Capacity of the Cyanobacterial Genus *Lyngbya*” [Poster]

25<sup>th</sup> Philippine-American Academy of Science and Engineering Meeting & Symposium (PAASE), Cebu, Philippines, Feb, 2005 – “Isolation and Identification of Bioactive Secondary Metabolites Produced by the Marine Bacterium *Pelagibacter variabilis*” [Poster]

## **TEACHING EXPERIENCE**

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Mentor in Centers for Ocean Sciences Education Excellence (COSEE) Research Experience for Pre-Service Teachers (Indian River State College) 2012, 2014  
([http://www.cbs12.com/news/top-stories/stories/vid\\_17035.shtml](http://www.cbs12.com/news/top-stories/stories/vid_17035.shtml))

Invited Instructor (University of Illinois at Chicago) 2009 and 2010. Molecular Evolution and Phylogenetics.

Teaching Assistant (University of California San Diego) 2008. Course: Recombinant DNA Techniques (BIMM 101)

Mentored and trained undergraduate students and graduate students from Indian River State College at Ft. Pierce (2011-2014), University of California at San Diego (2010-2011), and University of Gothenburg Sweden (2010)

## **SEMINARS AND EDUCATIONAL OUTREACH**

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Seminar, University of North Florida, FL, April 2014 – “Connecting the Pieces: Understanding Marine Cyanobacteria by Integrating Phylogeny, Chemistry and Ecology” [Invited Speaker]

Seminar, Florida International University, FL, Feb 2014 – “Connecting the Pieces: Understanding Marine Cyanobacteria by Integrating Phylogeny, Chemistry and Ecology” [Invited Speaker]

Smithsonian Science Seminar, Fort Pierce, FL, Jan 2014 – “The Good, the Bad, and the

Ugly: Novel Marine Cyanobacteria in Southern Florida with Ecological and Biomedical Relevance” [Invited Speaker]

Marine Science Seminar, Florida International University, FL, Nov 2014 – “The Good, the Bad, and the Ugly: Novel Marine Cyanobacteria in Southern Florida with Ecological and Biomedical Relevance” [Invited Speaker]

The Wildlife Foundation of Florida (WFF) Blue Green Event, FL, Nov 2013 – “Understanding the Ecology and Phylogeny of Bloom Forming Cyanobacteria in the Indian River Lagoon, Florida” [Poster]

Ocean Science Lecture, Harbor Branch Oceanographic Institution, FL, Aug 2013 – “What’s My Name, Again? How Better Taxonomy Can Aid in Understanding Harmful Algal Blooms” [Invited Speaker] - <http://www.youtube.com/watch?v=IDNAo8PnvkQ>

Saint Edward's School Science Speaker Series, Vero Beach, FL, April 2013 – “The Good, the Bad, and the Ugly: Cyanobacteria in the Indian River Lagoon” [Invited Speaker]

Smithsonian Science Seminar, Fort Pierce, FL, Nov 2011 – “Natural Products from Marine Cyanobacteria” [Invited Speaker]

## **SCIENTIFIC REVIEWER**

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**Journals:** Journal of Marine Biology; Journal of Phycology; Journal of Natural Products; Harmful Algae; Marine Environmental Research; Asian Pacific Journal of Tropical Biomedicine; Marine Drugs; African Journal of Microbiology Research; Journal of Applied Phycology; Oceanography; Scientific Reports; Evolutionary Bioinformatics

**Books:** Elsevier Science Publishers - Amsterdam

**Funding Agencies:** Portuguese Foundation for Science and Technology; Czech Science Foundation; Louisiana Board of Regents

**Miscellaneous:** International Phycological Congress, Papenfuss award; Ocean 180 Video Challenge, COSEE Florida

## **RESEARCH EXPEDITIONS**

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Dry Tortuga Natural park, Florida Keys: May 2013; Miskito coast, Honduras: May 2013; Belize, Carrie Bow Cay: Aug. 2012, Sept. 2011; Florida Keys: 2011-2014; Netherlands Antilles, Bonaire: Oct. 2011; Netherlands Antilles, Curacao: Dec. 2008, Oct. 2011; Panama, Bocas del Toro: Sept. 2010, May 2011; Panama, Coiba National Park: May 2011; Panama, Portobello: Sept. 2010, Papua New Guinea, Milne Bay: Apr. 2005; Japan, Okinawa: March 2005.

## **PROFESSIONAL DEVELOPMENT**

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Symposium and Workshop on New Methods for Phylogenomics and Metagenomics, University of Texas at Austin – 2013; Florida COSEE Broadening the Impact of Science: Strategies Underlying Success (BIS:SUS) – 2011; Workshop on Comparative Genomics, Smithsonian Institution, Washington D. C. – 2011; Workshop on Molecular Evolution, Czech Republic – 2010; Determination course of cyanobacteria, Czech Republic -2009

## **PROFESSIONAL ORGANIZATIONS AND AFFILIATIONS**

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American Association for the Advancement of Science (AAAS), American Chemical Society (ACS), Psychological Society of America (PSA), International Psychological Society (IPS), American Society for Microbiology (ASM)

## **REFERENCES**

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Dr. Valerie J. Paul  
Head Scientist – Smithsonian Marine Station  
772- 462-0982  
paul@si.edu

Dr. William H. Gerwick  
Distinguished Professor - Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography, University of California San Diego  
858-534-0578  
wgerwick@ucsd.edu

Dr. William Fenical  
Distinguished Professor - Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography, University of California San Diego  
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Research Microbiologist - Center for Marine Biotechnology and Biomedicine  
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