

Diana Marques

Scientific Illustration

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Education

PhD candidate in Digital Media (applied to visual science communication)
Faculty of Engineering, University of Porto, 2011-present

Graduate Certificate Science Illustration Program, University of California, Santa Cruz, CA, 2003/04
with Fundação Calouste Gulbenkian, Fine Arts Department and Fundação Luso-Americana para o Desenvolvimento Grant

Certificate Science Illustration Program
Autonomous University of Lisbon, Institute of Arts and Crafts, 2002/03

5-year degree (licenciatura) in Applied Biology in Animal Resources
University of Lisbon, Faculty of Science, 1997/02

Introduction to Drawing Program
National Fine Arts Society, Lisbon, 1995/98

Internships and Workshops

Experimental Animation Course, Digital Media Institute,
UT Austin | Portugal International Collaboration for Emerging Technologies, Porto, Jun-Jul 2011

Digital Animation Course, Fine Arts Faculty of Lisbon, Mar-Jun 2010

Autodesk Maya 3D Course, Corcoran College of Art+Design, Washington DC, Oct-Dec 2006

3D Techniques and Technologies in Illustration Workshop, Guild of Natural Science Illustrators
Conference, Madison WI, Aug 2006

Macromedia Flash MX Workshop, Portuguese Institute of Youth, Lisbon, Mar 2006

Calligraphy Classes - blackletter, London, UK, Apr 2005

Training of Trainers Workshop, University of Lisbon, Faculty of Science, Jan-Mar 2005

Drawing Fonts Workshop, Visual Art Design and Marketing Institute, Lisbon, Jan-Mar 2005

Calligraphy Workshop - italics, Society of Scribes, NY, Oct-Nov 2004

**Illustration Internship at the Division of Paleontology of the American Museum
of Natural History**, NY, Sep-Nov 2004

Illustration Internship at the Entomology and Crustacean Sections of the Queensland Museum,
Brisbane, Australia, Jul-Sep 2004

Internship in Biology "Fluctuating Asymmetry in two sibling species of Cicada L. (Hemiptera: Auchenorrhyncha)",
University of Lisbon, Faculty of Science, 2001/02

Scientific Illustration Workshop, Institute of Environmental Promotion, 2000/01

Scientific Illustration Workshop, University of Lisbon, Faculty of Science, 1998/99

Experience

Assistant Lecturer of the Drawing Master Program of the Fine Arts Faculty of Lisbon, Oct 2010-present

Vice-President for Portugal, Association Européenne des Illustrateurs Médicaux et Scientifiques, Mar 2010-present

Collaborator of the Illustration Master Program of the Higher Institute for Education and Sciences,
Oct 2009-present

President of the Guild of Natural Science Illustrators Portugal-Chapter, Sep 2009-present

Program Coordinator of the Guild of Natural Science Illustrators Washington DC-Chapter,
Jan 2008-present

Instructor of the Introduction to Digital Science Illustration Workshop, Center for the Research and Studies of
Anatomy and Science Illustration, Fine Arts Faculty of Lisbon, Mar-May 2006

Collaborator Illustrator, Smithsonian Institution, National Museum of Natural History,
Department of Entomology, Systematic Entomology Laboratory, Washington DC, Nov 2004-2009

Freelance Illustrator, 2003-present

Teacher Assistant of the Introduction to Natural Science Illustration Course,
University of California, Santa Cruz CA, Sep-Dec 2003

Skills

Digital Illustration and Animation, Design and Web:

Photoshop, Illustrator, Maya 3D, Fontographer, InDesign, HTML
Dreamweaver, CMS (Drupal), Flash, ToonBoom, After Effects
Acrobat, Power Point, Filemaker Pro

Tradicional Illustration:

Graphite, Carbon Dust, Pen and Ink,
Watercolor, Acrylic, Gouache, Colored Pencil

Associations

**Association Européenne des Illustrateurs
Médicaux et Scientifiques**
since 2009

National Union of Scientific Illustrators (Brasil)
since 2008

Portuguese Biologists Order
since 2001

Guild of Natural Science Illustrators
since 1999

Selected List of Clients

Knowledge Pavilion/Ciência Viva

American Museum of Natural History

Santillana-Constância Publishers

Calouste Gulbenkian Foundation

Portimão Museum

National Museum of Natural History, University of Lisbon

National Museum of Natural History, Smithsonian Institution

Queensland Museum

Exhibitions

Exhibition Anatomy of an Image, Faculté de Médecine de Strasbourg, 2011

III National Exhibition of Scientific Illustration, Brazilian National Congress, 2010

4th National Meeting of Illustration, São João da Madeira, 2011

Museo di Storia Naturale di Milano, Italy, 2009

Guild of Natural Science Illustrators 41st Annual Juried Exhibition, Fort Kent MN, 2009

Sintra Science Center, Sintra, Portugal (permanent one-man show)

XII National Meeting of Biology Students, Braga, 2008 (one-man show)

Illustrators Club Juried Exhibition 14, Washington DC, EUA, 2008

Focus on Nature X, New York State Museum, 2008

Guild of Natural Science Illustrators 39th Annual Juried Exhibition, Bozeman MT, 2007

Park Show, Chico Creek Nature Center, Chico CA, 2006

Guild of Natural Science Illustrators 38th Annual Juried Exhibition, Madison WI, 2006

National Museum of Natural History, University of Lisbon, 2006

Science by Photography, Cultural Center of Belém, Lisbon, 2006

Insects and Art exhibition, Sherwell Center, University of Plymouth, UK, 2004

XI Iberian Congress of Entomology, Funchal, 2004

XXII International Congress of Entomology, Brisbane, Australia, 2004

Museum of Natural History, Santa Cruz CA, 2004

Center of Art and Visual Communication, Lisbon, 2003

Institute of Arts and Crafts, Autonomous University of Lisbon, 2003

Guild of Natural Science Illustrators 33rd Annual Juried Exhibition, Bar Harbor ME, 2001

Guild of Natural Science Illustrators 32nd Annual Juried Exhibition, Évora, 2000

University of Lisbon, Faculty of Science, 1999

Selected Presentations

Scientific Illustration: its importance for communication and dissemination of Science

Calouste Gulbenkian Foundation, Lisbon, 2001

Drawing Science

Faculty of Fine Arts, University of Lisbon, 2011

Collaborating with the Smithsonian

Association Européenne des Illustrateurs Médicaux et Scientifiques Congress, Milan, Italy, 2009

Evolution of whales animation video for the Ocean Hall of the Smithsonian

Guild of Natural Science Illustrators Conference, Ithaca NY, 2008

Science illustration and nature preservation, 2nd Brazilian Science Illustration Meeting, Curitiba, Brazil, 2008

Mexico Fest, traditional illustration demo, National Museum of Natural History, Washington DC, 2007

Fossil Fest, microscopic paleontological illustration demo, National Museum of Natural History, Washington DC, 2007

A book: insects, drawing and letters, Guild of Natural Science Illustrators Conference, Madison WI, EUA, 2006

Communicating science through images, 1st Communicating Science in Portugal Meeting,

Gulbenkian Institute for Science, Oeiras, 2006

Bugfest, digital entomological illustration demo, National Museum of Natural History, Washington DC, 2005

The 26 letters in science illustration, Guild of Natural Science Illustrators Conference, Bar Harbor ME, 2005

Selected Publications

Bigio, A.; Marques, D.; Farinha, N. & Salgado, P., **“Five Centuries of Natural Science Illustration in Portugal”**, Assírio & Alvim, Lisbon, 2012 (in press)

Marques, D., **“Drawing Science, Knowing What to Draw”**, Proceedings of the Conference, Fine Arts Faculty of Lisbon, 2011 (in press)

Marques, D., **“Scientific Illustration”** Proceedings of the international colloquium Image in Science and Art, Calouste Gulbenkian Foundation, 2011 (in press)

Marques, D., **“A Look at Science Illustration in Brazil”**, Guild of Natural Science Illustrators Journal, Oct 2008

Ewart, A. & Marques, D., **“A new genus of grass cicadas (Hemiptera:Cicadoidea:Cicadidae) from Queensland, with description of their songs”**, Memoirs of the Queensland Museum, Brisbane, Jul 2007

Marques, D., **“The 26 Letters in Science Illustration”**, Guild of Natural Science Illustrators Newsletter, Jan 2006

Quartau, Rodrigues & Marques, **“On the colour polymorphism of *Asianidia chinai* (Lindberg, 1961) in Madeira (Hemiptera:Cicadellidae, Typhlocybinae)”**, Arquivos do Museu Bocage, vol. IV, no 2, pp. 159-170, Lisbon, 2004

Marques, D., **“The Importance of Entomological Illustration: Worth a Thousand Words”**, XXII International Congress of Entomology, Brisbane, Australia, 2004

Selected Conferences

Association Européenne des Illustrateurs Médicaux et Scientifiques Congress, Strasbourg, France, 2011

4th National Meeting of Illustration, São João da Madeira, 2011

III Brazilian Scientific Illustration Meeting, Brasília, Brazil, 2010

Guild of Natural Science Illustrators Conference, Raleigh NC, 2010

Association Européenne des Illustrateurs Médicaux et Scientifiques Congress, Milan, Italy, 2009

II Brazilian Scientific Illustration Meeting, Curitiba, Brazil, 2008

Guild of Natural Science Illustrators Conference, Bozeman MT, 2007

1^o Communicating Science in Portugal Meeting, Gulbenkian Institute for Science, Oeiras, 2006

Guild of Natural Science Illustrators Conference, Bar Harbor ME, 2005

XXII International Congress of Entomology, Brisbane, Australia, 2004