

Ian Maguire  
28200 SW 157 Ave  
Homestead, FL 3303  
Ph. 305 794 1395  
Website: <http://trec.ifas.ufl.edu/multimedia>

---

*A professional coordinator and project manager, experienced educator, and trained visual artist with extensive knowledge of current digital communication technologies, skills in conducting research and publicizing findings, and unique industry and institutional experience.*

**EDUCATION:**

Florida International University, Miami, FL.  
Bachelor of Fine Arts, Photography, May 2000, Overall GPA: 3.88

**PROFESSIONAL EXPERIENCE:**

**07/2009 - present**, Biological Scientist, University of Florida, IFAS, Tropical Research and Education Center, Homestead, FL Department of Plant Pathology, Florida Extension Plant Diagnostic Clinic

**08/2006 - 07/2009**, Coordinator Education Media Communication/Multimedia Specialist University of Florida, IFAS, Tropical Research and Education Center, (T.R.E.C.) Homestead, FL & Ft. Lauderdale Research and Education Center (F.L.R.E.C.)

**08/2001 - 08/2006**, Biological Scientist, University of Florida, IFAS, Tropical Research and Education Center, Homestead, FL Department of Environmental Horticulture

**08/2001 - 05/2002**, Adjunct Professor, Design Technology Department Miami Dade Community College, Miami, FL

**12/1998 - 08/2001**, Position: Digital Photographer | Project Manager, Virtual Field Laboratory, internet course, University of Florida, IFAS, Tropical Research and Education Center, Homestead, FL

**03/1997 - 12/1998**, Collection Photographer/Installer  
The Art Museum at Florida International University, Miami FL Position:

**NON PROFIT EXPERIENCE:**

**2006 - present**, Miami Rare Fruit Council, Tropical Fruit News, Magazine Editor

**2007 - present**, TREEmendous Miami, Webmaster

**PUBLIC SPEAKING & SEMINARS:**

- Adobe Photoshop Seminar (PowerPoint):  
T.R.E.C., Homestead, FL 04/2001

- Tropical Fruit Photography Seminar (PowerPoint):

California Rare Fruit Growers, Santa Barbara, CA 08/2002  
T.R.E.C., Homestead, FL 10/2002,  
Broward Rare Fruit Council, Ft. Lauderdale, FL 11/2002,  
Broward Master Gardeners, Ft. Lauderdale, FL 01/2003,  
Sarasota Fruit and Nut Society, Sarasota, FL 06/2003,  
Rare Fruit Council International, Miami, FL 09/2003  
Tropical Fruit and Vegetable Society, Homestead, FL 05/2004  
Tropical Fruit Fiesta, Key West, FL 06/2005  
Tropical Fruit and Vegetable Society, Homestead, FL 07/2008  
Tropical Fruit Production and Research Course (HOS5555) T.R.E.C. Homestead, FL 08/  
2008

- Photography in the Garden Seminar (PowerPoint):  
Fruit and Spice Park, Homestead, FL 11/2005  
City of Plantation's Tree Day, Plantation FL 02/2006  
D.A.S.H., Homestead, FL 03/2006  
Fairchild Tropical Garden, International Mango Festival, Miami FL 07/2007

-Digital Imaging 411 (PowerPoint):  
T.R.E.C., Homestead, FL 4/2004

-New Resources for T.R.E.C. (PowerPoint):  
T.R.E.C. Homestead, FL 02/2006

-Digital Photography of Plants and Flowers (PowerPoint):  
Orchid Short Course, University of Florida, Gainesville, FL 02/2008

- Enhance Marketing Opportunities Utilizing Digital Photography and Websites  
Caribbean Food Crops Society 44th Annual Meeting, Miami, Florida, 07/2008

## **PUBLICATIONS:**

### **21 University of Florida - IFAS Photography Publications, print design and layout:**

-Mango BOTANY, PRODUCTION AND USES Edited by Richard E. Litz 2nd Edition, Cover Photo 6/2008  
-BioEssays 30.4 Persea americana (avocado): bringing ancient flowers to fruit in the genomics era, p386-396, photos provided, 03/2008  
-Center for Tropical Agriculture, poster and brochure, photos provided, 02/2008  
-T.R.E.C. promotional brochure, photos provided, 11/2008  
-Voice of Agriculture, cover photos provided, 08/2007  
-Center of the Tropics, article photos provided, The Miami Herald, 05/2007  
-IFAS/Fruitscapes promotional, poster, design and layout, photos provided, 2006  
-University of Florida, holiday greeting card, photos provided, 12/2007  
-Living and Learning, design and layout of advertisement, The Miami Herald, 07/2005  
-Where We Live, design and layout of advertisement, The Miami Herald, 07/2005  
-University of Florida, holiday greeting card, photos provided, 2004

- Miami New Times, design and layout of UF/IFAS advertisement, 2004
- Living and Learning, design and layout of advertisement, The Miami Herald, 07/2004
- University of Florida, holiday greeting card, photos provided, 2003
- The Cycad Newsletter, Cover Photo, Vol. 26 Number 1, 03/2003
- Education Supplement, design and layout of advertisement, The Miami Herald, 01/2003
- Disease of Tropical Fruits, photos provided for book cover, CABI publication, 2002
- Avocado: Botany Production and Uses, photos provided, CABI publication, 2002
- Scanning and technical assistance – The Lygaeidae of the West Indies, 2001
- Mango poster, design and layout, photos provided, 2000
- Banana poster, design and layout, photos provided, 2000

### **University of Florida - IFAS Scientific Research Publications**

#### **Refereed publications:**

Vendrame, W.A., V.S. Carvalho, J.M.M. Dias, and I. Maguire. 2008. Pollination of Dendrobium Hybrids using Cryopreserved Pollen, HortScience 43(1): 264-267 .

Vendrame, W.A., V.S. Carvalho, I. Maguire and J.M.M. Dias. 2007. In vitro germination and plant regeneration of cryopreserved Dendrobium hybrid mature seeds, Scientia Horticulturae 114:188-193.

Vendrame, W. A., V.S. Carvalho, and I. Maguire. 2007. In Vitro Propagation and Plantlet Regeneration from Doritaenopsis Purple Gem 'Ching Hua' Flower Explants, HortScience, 42(5):1256-1258.

Vendrame, W. A., I. Maguire, and K.K. Moore. 2005. Growth of selected bedding plants as affected by different compost percentages. Proceedings of the Florida State Horticultural Society, 118: 368-371.

#### **Non-Refereed publications:**

Maguire, I. 2007. Internet-based Audio & Video (IAV): A new resource for Extension, Teaching, and Research. Proceedings of the Florida State Horticultural Society, (forthcoming).

Maguire, I. and W. A.Vendrame. 2005. Digital photography. Proceedings of the Florida State Horticultural Society, 118: 302-305.

#### **Grants Awarded:**

**Year:** 2006

**Project title:** Diagnose, Inform, & Manage (DIM)

**Participants:** Dr. Aaron Palmateer, Ian Maguire, Henry Mayer

**Granting Agency:** IPM Florida

**Amount awarded:** \$7500

#### **Freelance Publications - Photography Publications, print design and layout:**

- 2007 Woman of the Year in Agriculture, Florida Department of Agriculture
- Our Changing Planet, Cambridge Press, Chapter photo, 2008

- Florida's Finest Tropical Fruits, promotional poster, 2007
- The Grower, cover photo, 05/2006
- The National Culinary Review, Lychee photo, 04/2006
- Produce Concepts, 04/2006
- Florida InSide Out Magazine, vine photos, 03/2006
- Florida Top 10 Garden Guide, Sunset books, 01/2006
- The Grower, cover photo, 10/2005
- Taste Florida's Tropics, Chef Allen Susser 10/2005
- The Grower, article photo, 09/2005
- Florida InSide Out Magazine, Avocado photos, 09/2006
- Redland News, article photos, 09/2005
- The Grower, cover photo, 08/2004
- Florida InSide Out Magazine, mango photos, 03/2006
- The Grower, cover photo, 07/2004
- The Grower, Maguire: combining art and agriculture, 06/2004
- The Grower, cover photo, 06/2004
- El Nuevo Herald, full-page ad layout and photo, 2003
- Care Tags, Pine Island Nursery, 8/2003
- Cover Photo, Tropical Fruit News, Issue 6, 2003
- Romance of the Mango, Penguin books, 7/2002

#### **WEBSITE DESIGN:**

##### **University of Florida, IFAS Website Design:**

- <http://trec.ifas.ufl.edu/tfphotos> - Tropical Fruit Photography Photo library
- <http://trec.ifas.ufl.edu/orchids> - Orchidology Course webpage
- <http://trec.ifas.ufl.edu/palms> - Palm Production Course webpage
- <http://trec.ifas.ufl.edu/nursery> - Nursery Management Course webpage
- <http://trec.ifas.ufl.edu/crane> - Program website Dr. Jonathan Crane
- <http://trec.ifas.ufl.edu> - Tropical Research and Education Center (T.R.E.C) website
- <http://cta.ufl.edu> - Center for Tropical Agriculture website
- <http://trec.ifas.ufl.edu/trecclinic> - T.R.E.C. Plant Diagnostic Clinic
- <http://trec.ifas.ufl.edu/kwm> - Water Resource Engineering Homepage
- <http://trec.ifas.ufl.edu/vendrame> - T.R.E.C. Ornament Horticulture Program page
- <http://trec.ifas.ufl.edu/fruitscapes> - Extension website for homeowners.
- <http://fpdn.ifas.ufl.edu> - Florida Plant Diagnostic Network
- <http://www.localecopia.org> - Localecopia, Farm to Plate Alliance

##### **Freelance Website Design:**

- <http://www.ottimat.com> - OttilMat - The natural oil spill solution
- <http://www.floridaspecialties.com> - Florida Specialties Inc.
- <http://www.smartgrow.com> - SmartGrow Inc.
- <http://www.dade-agriculture.org> - Dade County Farm Bureau
- <http://www.treemendousmiami.org> - Treemendous Miami
- <http://www.tropicalfruitgrowers.com> - Tropical Fruit Growers of South Florida Inc.
- <http://www.pineislandnursery.com> - Pine Island Nursery
- <http://www.paradisefarms.net> - Paradise Farms

<http://www.kingswoodmontessori.com> - Kingswood Montessori Academy

<http://www.rpmonessori.com> - Royal Palm Montessori Academy

<http://www.tropicalfruitnews.org> - Miami Rare Fruit Council

<http://www.swankridge.com> - Swankridge Assisted Living

<http://www.whitelioncafe.com> - White Lion Café

### **AWARDS:**

UF/IFAS Silver Image Award, 2007, TREC/FLREC Personnel Bulletin Board

UF/IFAS Honorable Mention, 2007, Tropical Fruit Production Workshop website

UF/IFAS Bronze Image Award, 2006, Orchid photo library

UF/IFAS Golden Image Award, 2005, Orchidology course webpage

UF/IFAS Golden Image Award, 2004, Academic programs advertisement

UF/IFAS Silver Image Award, 2004, Holiday Cards

UF/IFAS Silver Image Award, 2004, Palm Production and Culture Website

2003 RFCI Digi-Fruit Photo Contest 1st place

2004 RFCI Digi-Fruit Photo Contest 2nd place and Honorable Mention

### **Laboratory experience:**

I have four years of experience in maintenance of equipment and space in a laboratory, growth chamber, incubator, greenhouse, field as required for proper conditions to ensure optimum research productivity. This includes order request for labor, equipment, and supplies. Organize laboratory materials including chemicals (inventory and proper storage). I have also conducted experiments in laboratory, greenhouse, shadehouse, and field. I have conducted tissue culture specific procedures, such as culture media preparation, pH adjustment, autoclaving, and dispensing into proper containers; culture initiation and maintenance (transfers and subculturing); plant tissue preparation, manipulations, and sterilization; aseptic handling of plant tissue culture under laminar flow hood (sterile technique); germination, regeneration, and maintenance of tissue culture-derived plant materials, observations under microscope and photography of relevant findings.

### **COMPUTER & SOFTWARE:**

I am an advance PC and Macintosh computer user. I currently work between both platforms. I have expertise in desktop publishing (Adobe Photoshop, Illustrator, InDesign, Adobe Acrobat Professional) website design (Macromedia Dreamweaver, Flash, Fireworks), digital video production and DVD authoring (Final Cut Pro, DVD Studio Pro) field and studio photography.

### **Ian Maguire, UF/IFAS/TREC/FLREC - Multimedia Specialist: 2008**

#### **Accomplishments**

#### **Major 2008 Projects:**

**Project Title:** Pests and diseases of palms cultivated in the US and Caribbean.

**Description & Duties:** To develop a Lucid internet-based identification resource to cultivated palm pests and diseases of the United States and Caribbean so that the

resource is:scientifically accurate, easily accessible, and user friendly, designed and developed as a screening aid to support domestic responsibilities associated with survey and detection, comprehensive, including keys, images, illustrations, and documentation on existing and potential new palm pests and diseases, delivered in pre-defined logical stages

**FLREC Faculty:** Drs. Monica Elliott and Tim Broschat

**Salary Percentage 2008:** 27% (\$15,000) 1st year complete

**Salary Percentage 2009:** 30% (\$17,000)

**STATUS:** 2nd year of funding expected in May 2009

**Project Title: Localecopia.org**

**Description & Duties:** The Localecopia Mission Statement: is to support the local economy, to capitalize on group synergies, promote environmental awareness, initiate sustainable practices, lessen our carbon footprint and to create a new business model that will continue to grow into other local communities. I served as the project manager of design and development of the Localecopia website. For this project I hired one person OPS with funds provided to develop a content management system and database.

**Gainesville Faculty:** Dr. Joan Dusky

**Salary Percentage 2008:** 10% (\$4000) **STATUS:** project is complete.

**Project Title:** Water Quality Concepts, Sampling, and Analysis Training Course Video/ DVD

**Description & Duties:** A short course, which included lectures addressing water quality regulations, hydrology, related internet resources, water quality monitoring technology. I have recorded 21 hours of video from the course and produced 4 edited DVDs for book chapter enhancement or potential online course.

**TREC Faculty:** Drs. Yuncong Li, and Kati Migliaccio

**Salary Percentage 2008:** 10% (\$4000) **STATUS:** Project is complete

**Project Title:** FruitScapes

**Description & Duties:** The source for information on temperate, sub-tropical and tropical crops in the Florida landscape.

I have recorded 6 hours of video with Dr. Jonathan Crane as part of our commitment to the sub-tropical and tropical fruit crop section of this Extension website. I have hired one OPS employee to assist with editing video for this project with funds awarded from this grant.

**TREC Faculty:** Dr. Jonathan Crane

**Salary Percentage 2008:** 12% (\$5000) **STATUS:** project is complete

**Project Title:** Africanized Honey Bee DVD

**Description & Duties:** Production of an educational DVD focusing on many aspects of the

FLREC Faculty: Dr. William Kern

**Salary Percentage 2009:** 13% (\$5775) **STATUS:** 1st of 3 DVDs are complete

**Project Title:** Virtual Office Hours (VOH)

**Description & Duties:** Purchase 20 web cameras for student distribution and video record/edit 2 minute instructional video for the course website.

FLREC Faculty: Dr. Kim Moore

**Grant awarded by CALS:** \$2000 **STATUS:** Complete

**Project Title:** Virtual Field Trips (VFT)

**Description & Duties:** Video record field trips for course enhancement DVD/web viewing

FLREC Faculty: Dr. Kim Moore

**Grant awarded by CALS:** \$2000 **STATUS:** Complete

**Project Title:** Palm Problems

**Description & Duties:** Design and develop a special section of the FLREC website for palm disease and disorder diagnosis.

FLREC Faculty: Drs. Monica Elliott and Tim Broschat

**STATUS:** Complete

**Project Title:** Florida Plant Diagnostic Network (FPDN)

**Description & Duties:** Design and develop website and specialty graphics

FLREC Faculty: Dr. Aaron Palmateer

**STATUS:** Complete, \$4000 provided towards salary for 2009 for revisions/enhancements

**Project Title:** Distance Education findings Report

**Description & Duties:** Authored report on distance education trends.

FLREC Faculty: Dr. Henry Hoochmiar

**STATUS:** Complete, OPS dual employment - \$1200 06/08

**Minor Projects:**

- 39 posters printed for TREC faculty 1/08 – 1/09
- FLREC & TREC center website updates and maintenance 1/08 – 1/09
- Assisted with video conferences at TREC and FLREC 1/08 – 1/09
- Recorded Terminex training at FLREC and authored DVD deliverables 1/09
- Speaker at Orchid Short Course, Gainesville, FL 2/08
- Procured computers, poster printer supplies to the amount of \$10,000 for CTA 3/09
- Assisted with coordination for CALS video at FLREC 5/08
- Assisted with visual materials for Cattle Show 5/08
- MyPlantWorld development meetings 5/08
- Cover photo and chapter author for Litz's Mango book 06/08
- Assisted with Caribbean Food Crops Society Conference 7/08
- Speaker at Farmer's Caribbean Forum Food Crops Society Conference 7/08
- Assisted with Alumni BBQ 09/08
- TREC Social Committee member 2008-09