

Ações a serem tomadas após as missões nos EUA

Comitê gestor do Capes/PrInt UFLA

Rafael Pio: Pró-Reitor de Pós-Graduação, coordenador institucional

Marcio Machado Ladeira: Pró-Reitor Adjunto de Pós-Graduação

Teodorico de Castro Ramalho: Pró-Reitor de Pesquisa

Antônio Chalfun Júnior: Diretor de Relações Internacionais

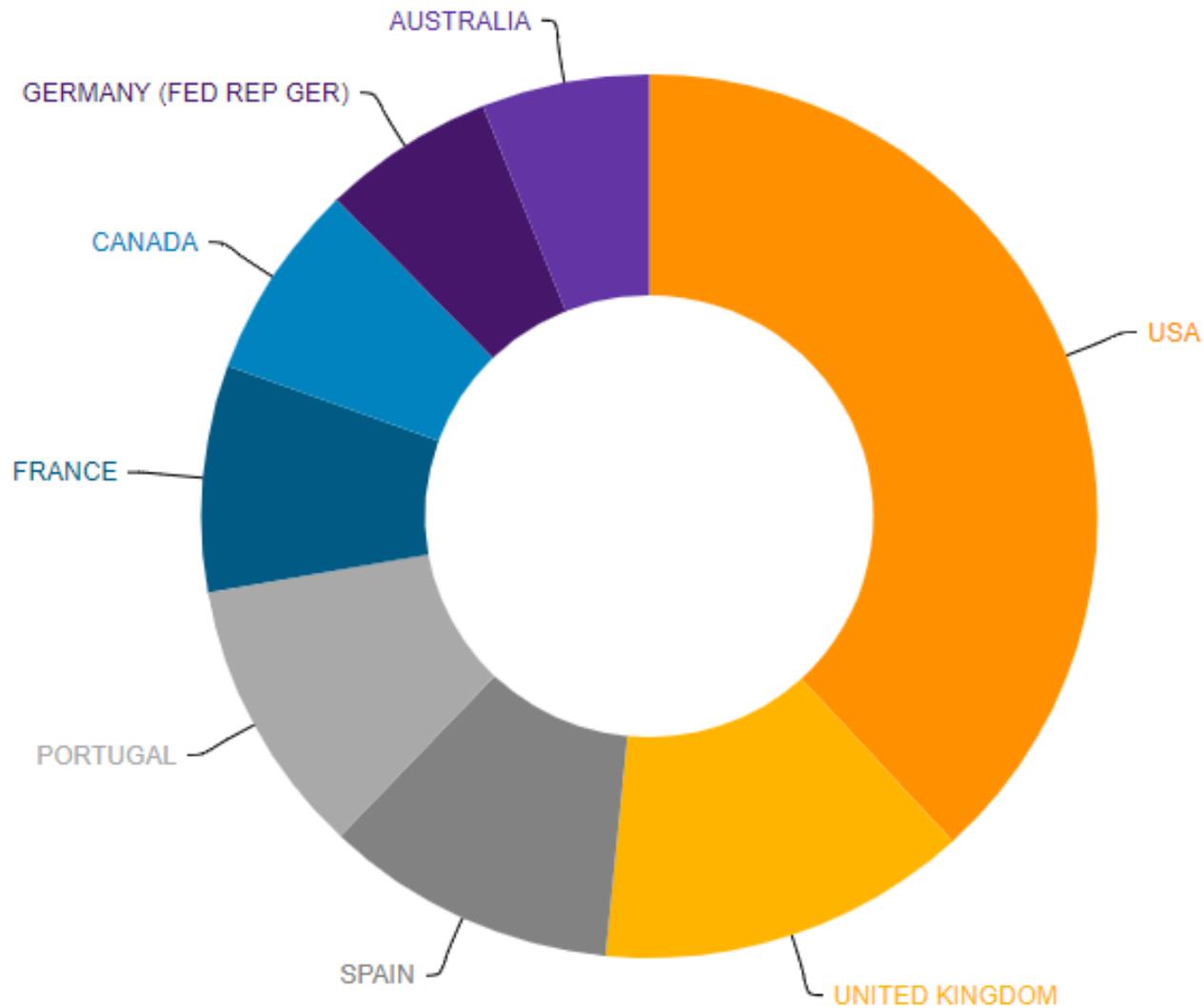
Mário Lúcio Vilela de Resende

Moacir Pasqual

Luiz Roberto Guimarães Guilherme

Shawn Donkin

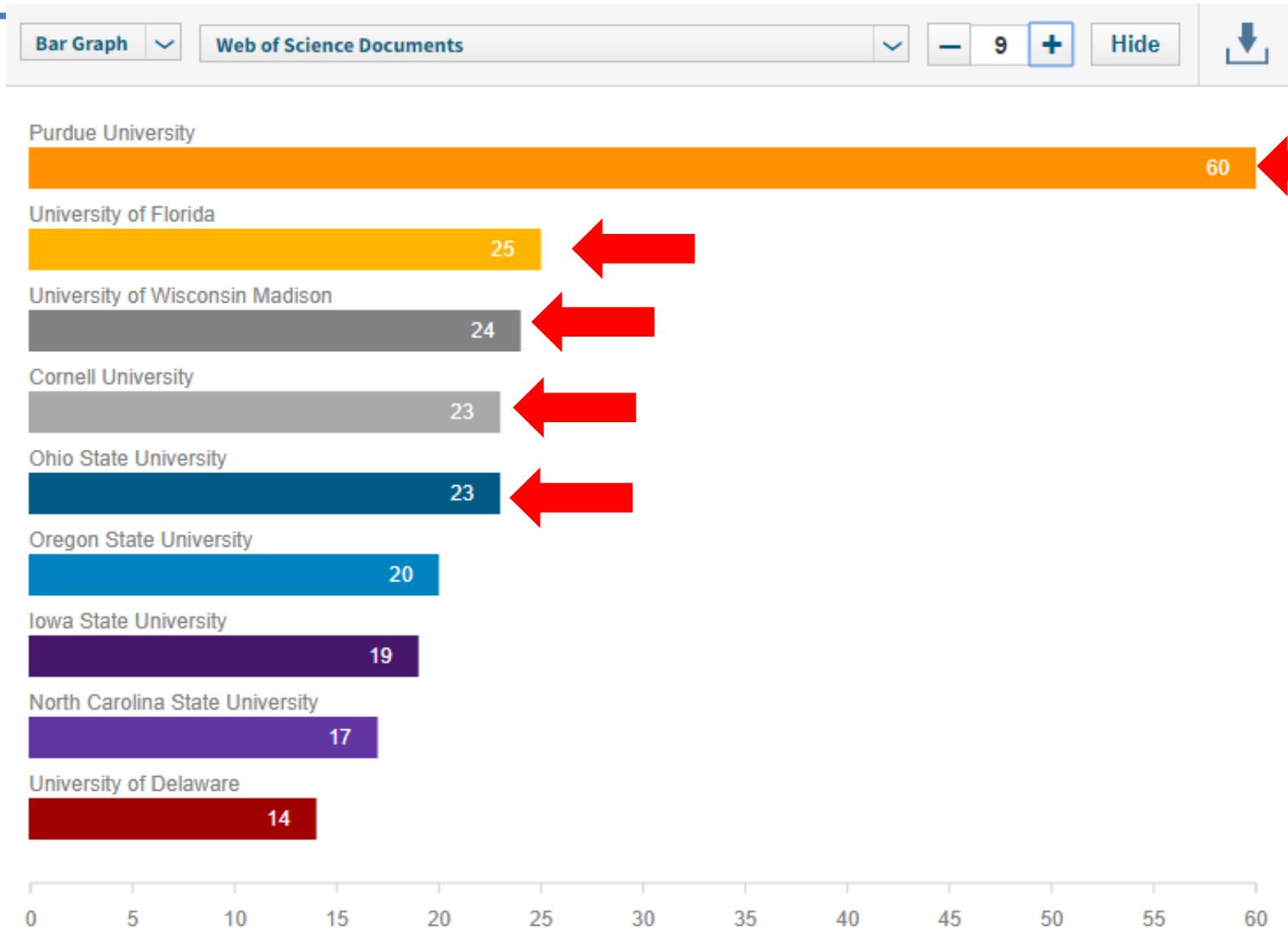
Pie Graph Web of Science Documents - 8 + Hide ↓



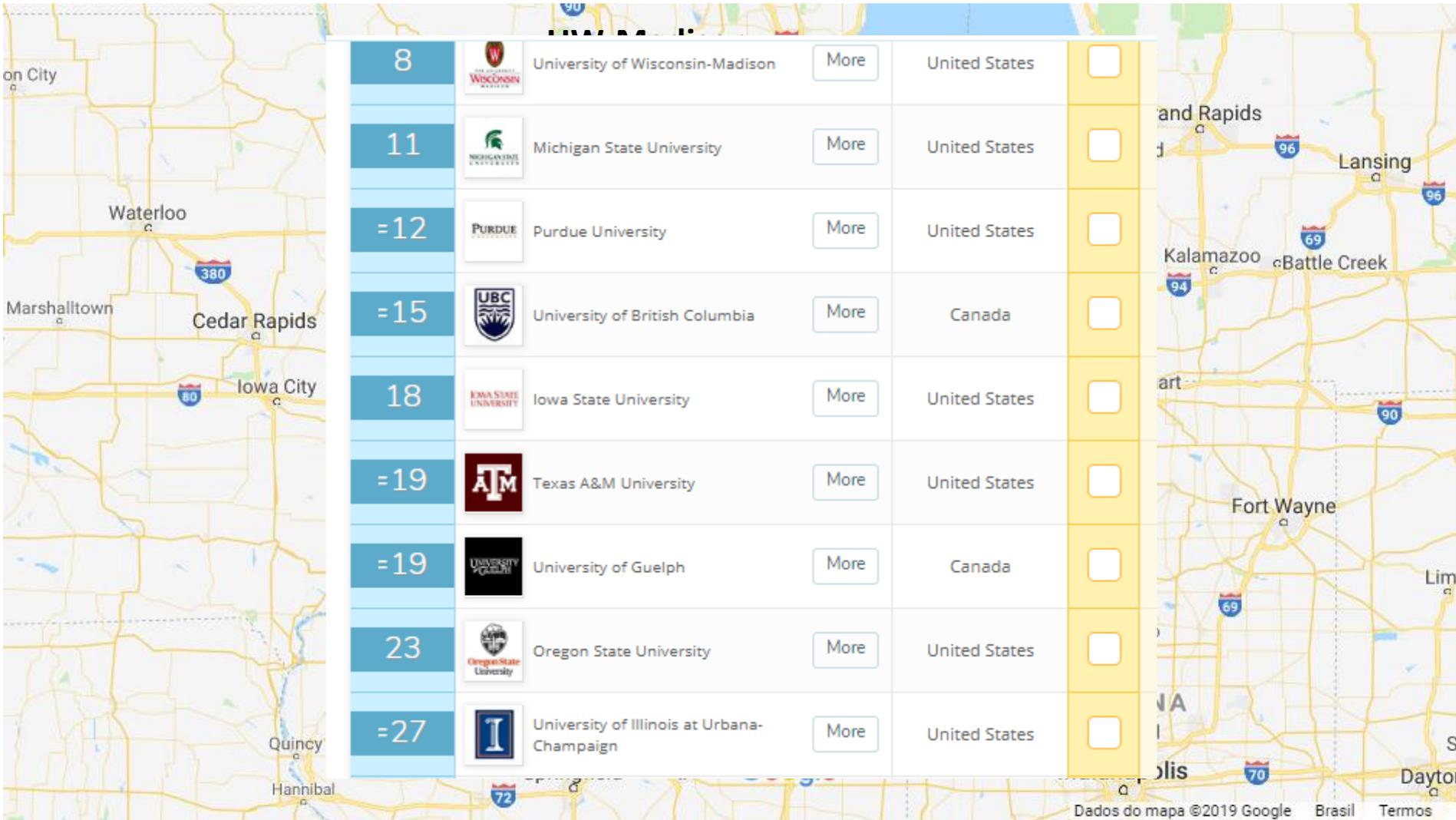
Principais países que a UFLA colabora (número de artigos entre 2010 – 2018)

Universidades que os PPG apontaram como prioridades

Universidades	País	N Programas	Ranking QS
Florida	EUA	5	26
UC Davis	EUA	4	2
Wagenigen	Holanda	4	1
Illinois	EUA	4	13
Purdue	EUA	4	8
Lancaster	Inglaterra	4	135 QS W
Wisconsin	EUA	3	6
Cornell	EUA	3	3
Guelph	Canadá	2	25
Ohio	EUA	2	39
Copenhagen	Dinamarca	2	18
UC Berkeley	EUA	2	5
INRA/Montpellier Supagro	França	3	



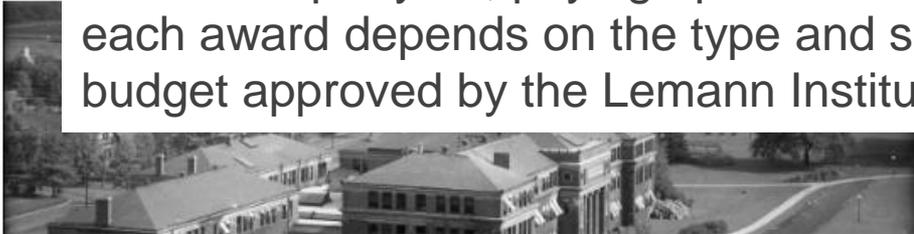
Principais Universidades que a UFLA colabora nos EUA (número de artigos entre 2010 – 2018)



THE LEMANN INSTITUTE FOR BRAZILIAN STUDIES



Lemann Institute Collaborative Research Grants: The Lemann Institute Collaborative Research Grants have the objective of **supporting research proposals between UIUC and Brazilian faculty members**. Proposals should **focus on Brazilian topics**. These Grants are for one year. If resources permit and the quality of proposals is high, up to two awards will be offered per year, paying up to a total of \$20,000.00 each. The value of each award depends on the type and scope of the project as well as the budget approved by the Lemann Institute.



Caricatus de New Orleans: Brazilian interpretations of North American jazz

THE LEMANN INSTITUTE FOR BRAZILIAN STUDIES



Funding Opportunities

The Lemann Institute and CLACS underwrite different research initiatives to advance the knowledge of Brazil among students and faculty at the University of Illinois. For more information about each funding opportunity, please click on the hyperlinks below.



BEEF CATTLE FACILITY



UI INTEGRATED BIOPROCESSING RESEARCH CENTER



INSTITUTE FOR GENOMIC BIOLOGY

Graduate Programs of Study

Graduate students in the College of Agriculture are admitted through each of our eleven departments curricular requirements, faculty research interested and application deadlines for our programs.

Departments

[Agricultural & Biological Engineering](#)

[Agricultural Economics](#)

[Agronomy](#)

[Animal Sciences](#)

[Biochemistry](#)

[Botany & Plant Pathology](#)

[Entomology](#)

[Food Science](#)

[Forestry & Natural Resources](#)

[Horticulture & Landscape Architecture](#)

[Agricultural Science Education and Communication](#)

CONTROLLED ENVIRONMENT PHENOTYPING FACILITY

TECHNOLOGY, TOOLS AND EXPERTISE TO SUPPORT MULTIDISCIPLINARY RESEARCH

Leverage unique capabilities and consultative services to take your research to the next level. We deliver experimental design solutions tailored to your needs or off-the-shelf tools ready to incorporate into your experiment.

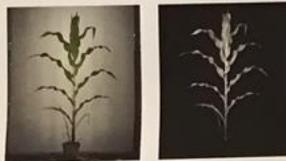
PLANT GROWTH

- Consistent environmental control of 256 plants up to 13' tall
- Automated irrigation and fertigation management



ACTIONABLE DATA

- Automated data analysis
- Data visualization



RGB image with chlorophyll fluorescence (CF) image which segments the plant area from the background

MORPHOLOGICAL TRAITS

Multiple RGB images of the same plant, an important capability for future 3D image reconstruction



Objects are segmented from the background and foreground. The green rectangle quantifies the height and width. The blue geometric shape quantifies the shape of the plant or "convex hull." The red outline identifies the perimeter.

DATA COLLECTION

- Rapid, non-destructive plant measurements
- RGB and Hyperspectral
- Future x-ray CT scanner

PLANT HEIGHT

LEAF ANGLE

STEM DIAMETER

LEAF NUMBER

NUTRIENT CONTENT

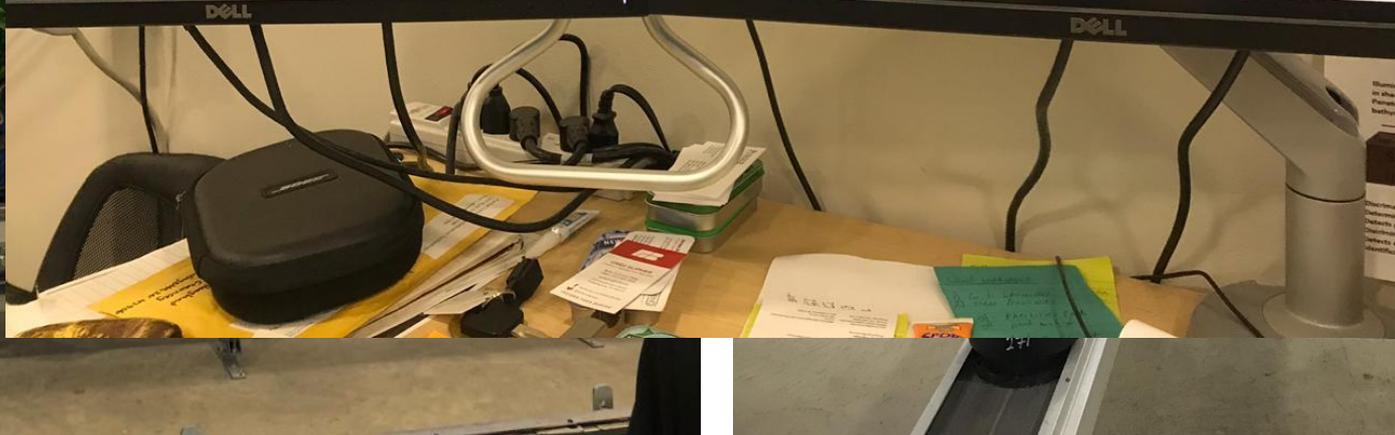
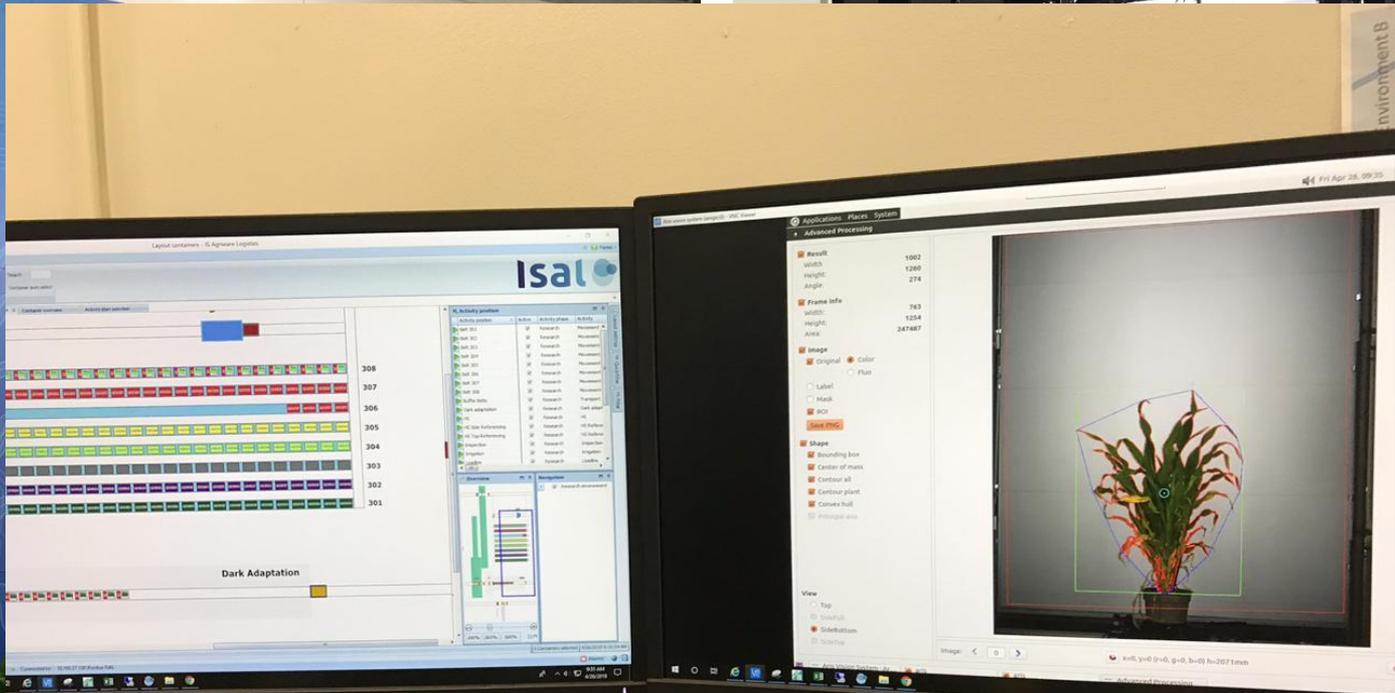
PLANT AREA

SOIL WATER CONTENT

ROOT ARCHITECTURE

ag.purdue.edu/cepf

PURDUE UNIVERSITY Institute for Plant Sciences COLLEGE OF AGRICULTURE



PURDUE
AGRICULTURE

Indiana Corn and Soybean Innovation Center

[About](#) [Rooms](#) [Equipment](#) [Trainings](#) [Schedule a Tour](#) [Contact](#)



Indiana Corn and Soybean Innovation Center

dual degrees
 health insurance

• 3-5 ~~mo~~ (year 1) / sandwich

• 15 day faculty = 4

~~def~~ ↳ based on research
 • goal to start collaboration
 ↳ faculty sabbatical
 June → Aug works best

• Sabbatical (1 per year) 3 total
 UFLA → Purdue

• Postdoc - PhD in Brazil: do PhD at Purdue
 ↳ PU helps ID. BR to do
 Postdoc at UFLA
 on USA → UFLA postdoc

- Sandwich + 3 | 12 mo. may entice more students
- Match faculty to student exchange
- Fac - Fac match.
- PhD committee req. outside dept.
- Special grad faculty.
- Student Selection
 - ID faculty at Purdue; research to receive students
 - time students arrive - Sept ⇒ (pre select timing.) | call in May 21 students
 select June to USA Sept/Oct
 - 1300/mo \$4500/3mo
- Connect with project in Africa (Ethiopia?)

Impressões e possibilidades na Universidade de Purdue

Impressões:

- ✓ Metas para as diferentes bolsas;
- ✓ Todos os chefes de departamento compareceram à reunião (excelente recepção);
- ✓ Dean do College adorou os resultados de nossa colaboração com eles, em termos de artigos científicos publicados.

Possibilidades:

- ✓ Abertura concreta para termos um acordo de **dupla titulação** (única instituição até o momento);
- ✓ Professores concordam financiar por mais 3 meses nossos estudantes;
- ✓ Há a possibilidade do College e Departamentos ajudarem os docentes na extensão de prazo: mas para isso o número de estudantes tem que ser significativo;
- ✓ Propuseram participação de nossos docentes em bancas de defesas;
- ✓ Propuseram ministrarem disciplinas de pós-graduação on-line para nós. Podemos retribuir ofertando cursos nossos também on-line, como reciprocidade.



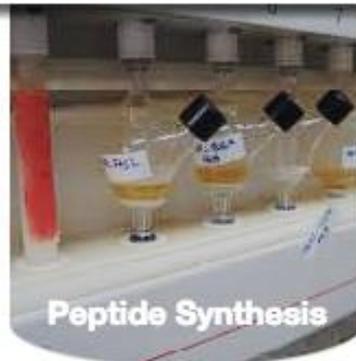
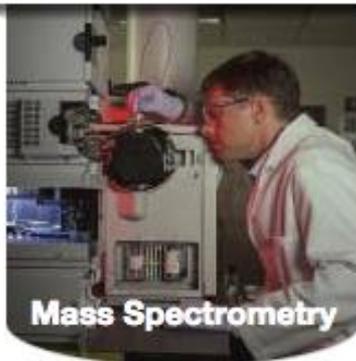
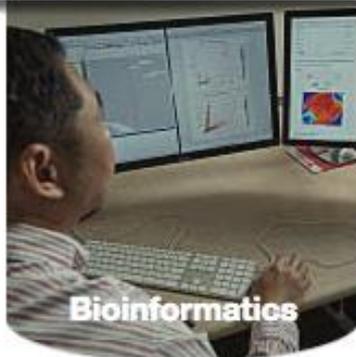
Meat Science & Animal Biologics Discovery Building

Resources on Campus



UNIVERSITY OF WISCONSIN-MADISON

Biotechnology Center



Impressões e possibilidades na Universidade de Wisconsin

Impressões:

- ✓ Foi difícil conseguir a agenda e as reuniões só ocorreram por causa do esforço do Guilherme Rosa (muito interesse em trabalhar conosco assim como outros)
- ✓ Chefes de departamento mandaram representantes brasileiros para a reunião (somente 2 chefes compareceram e por período curto de tempo);
- ✓ Escritório de Internacionalização e Deans não entusiasmaram para o projeto (achavam que deveríamos colaborar com eles porque eles são “melhores” do que as outras);

Possibilidades:

- ✓ Professores concordam financiar por mais 3 meses nossos estudantes (menos enfáticos que nas outras instituições);
- ✓ Excelentes laboratórios;

Dificuldades:

- ✓ Seguro saúde extremamente caro;
- ✓ Sem envolvimento institucional (modelo de gestão da UW).



UF- Land Grant University, as well



- 1 Citrus REC | LAKE ALFRED
- 2 Everglades REC | BELLE GLADE
- 3 Florida Medical Entomology Laboratory | VERO BEACH
- 4 Fort Lauderdale REC | FORT LAUDERDALE
- 5 Gulf Coast REC | BALM, PLANT CITY
- 6 Indian River REC | FORT PIERCE
- 7 Mid-Florida REC | APOPKA
- 8 North Florida REC | MARIANNA, QUINCY, SUWANNEE VALLEY
- 9 Range Cattle REC | ONA
- 10 Southwest Florida REC | IMMOKALEE
- 11 Tropical REC | HOMESTEAD
- 12 West Florida REC | JAY, MILTON

IFAS- University of Florida

Visitamos 1, 5 e 16

University of Florida

Institute of Food and Agricultural Sciences-IFAS

Presenças ilustres no encontro UF-UFLA in Gainesville, FL

Vice president –IFAS, Jack Payne

Dean for Research – Robert Gilbert

Dean of The International Center- Leonardo
Villalon

Director of the Center for Latin American Studies-
Emilio Bruna (Brazilian)

Director of ‘on line’ Courses- Rammesh Reddy

Director of ‘Sensors Lab’- Bioengineering

Director of Citra Experimental Station- Jim Boyer



Dr. Jack M. Payne
Senior Vice President for
Agriculture and Natural
Resources

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Pioneers in Tropical Agriculture from UFLA

H.E. Alysso Paolinelli: World Food Prize Laureate
Dr. Alfredo Scheid Lopes: IFA Norman Borlaug Award



Alfredo Scheid Lopes

Alysso Paolinelli



UF Mobility- Brazil envia muitos, mas recebe poucos.





Facilitadores (Kátia Xavier e Juliana Martins, Ph.D's)





Facilitadores (Janete Brito e Juliana Soares, Ph.D's)



Pedro Sanches & Clyde Fraisse, Facilitadores, UF-UFLA



Feed The Future Innovation Lab - Research Fundings available





LEARNING FACILITY- Possibilidades de 'ON LINE Joint Courses'-

Impressões e possibilidades na Universidade da Flórida

Impressões:

- ✓ Maioria dos chefes de departamento compareceram à reunião (excelente recepção);
- ✓ Muitos facilitadores para ajudar os contatos;
- ✓ Alguns professores querem vir como PVE (15 dias);

Possibilidades:

- ✓ Muitos professores brasileiros (já conhecem nossos problemas);
- ✓ Professores concordam financiar por mais 3 meses nossos estudantes (muitos);
- ✓ Possibilidade de projetos de pesquisa juntos com recursos internacionais (Feed The Future Innovation Lab);
- ✓ Possibilidade de cursos on-line entre as duas instituições;
- ✓ Possibilidade de Dupla Titulação.





Para reflexão

- ✓ Plano de trabalho;
- ✓ Não é apenas enviar estudantes;
- ✓ Parcerias duradouras;
- ✓ Inglês;
- ✓ Conversar com as bases;
- ✓ ...