



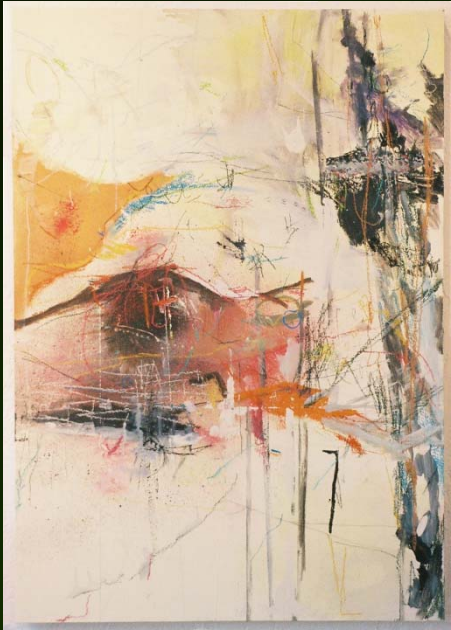
Promoting Integrity in Your Research Enterprise

CITI Program in Research Ethics Education

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Professor, Radiation Oncology
University of Miami Ethics Programs
CITI Program Co-Founder.
University of Miami

Challenges / Questions



"New Integrity" by Artibella Avanti

- Web based learning is here to stay. It is a powerful tool to reach large numbers of people in a timely and convenient fashion. **How do we use the technology most effectively?**
- How do we determine the value RCR education to learners and evaluate the efficacy of a chosen learning paradigm for students and faculty?

www.citiprogram.org

Welcome

CITI Login and Registration Page

i The CITI Program is a subscription service providing research ethics education to all members of the research community. To participate fully, learners must be affiliated with a CITI participating organization.

The CITI course is a protected site. If you are a new learner at a participating organization you must register to create your own username and password and gain access to the site.

i New Users [Register Here](#)

i Already Registered? [Login Below](#)

Username

Password

[Submit](#)

[Forgot login information](#)

[Contact the CITI Helpdesk](#)

To ensure that all users enjoy rapid response times, access is temporarily limited to 2500 concurrent users. As learners log off others will be permitted to log on. **There are currently 153 users logged in to the site.**

Notice: The CITI Course site is best viewed with Microsoft Internet Explorer ver. 6.0 or later or Firefox ver. 2.0 or later, and with the characters set to UTF-8.



www.citiprogram.org

CITI 合作機構的初始訓練

[首頁](#)[我們的相關資訊](#)[如何成為會員](#)[大眾使用有關健康資訊應如何保護隱私性與機密性的課程](#)[執行研究應負責任的課程](#)[國際課程之網頁位置](#)[實驗動物的課程](#)[Biosafety](#)[常見問題與答案](#)[Language](#)

歡迎

CITI 登入及註冊網頁

i CITI 的課程, 是針對所有研究領域的人員, 提供研究相關倫理教育的服務. 為了能全程參與, 學習者必須屬於有參與 CITI 的組織.

i 新使用者 [請在此註冊](#)

i 您已經註冊過了嗎? [請由下方登入](#)

使用者姓名

密碼

[送出](#)

[您忘記您的使用者姓名與密碼了嗎?](#)

[Contact the CITI Helpdesk](#)

為了確保所有使用者都能享受到快速的反應時間, 進入時會暫時限制 2500 目前的使用者人數. 當有學習者登出時, 才能允許其他人登入. 目前已有 **1181** 使用者登入使用本網頁.

注意: CITI 的課程網頁最好使用 Microsoft Internet Explorer ver. 6.0 或更新的版本, 或使用 Firefox ver. 2.0 或更新的版本.



www.citiprogram.org

CITI Japan

Collaborative Institutional Training Initiative
Japan US Medical Education Consortium

[ホーム](#)[CITI Japanについて](#)[サンプル閲覧](#)[研究倫理指針・申請書ナビ](#)[実験動物コース](#)[Q & A](#)

ようこそ

CITI Japanログインおよび登録ページ

現在メンテナンスの途中です。一部不具合が生じるかもしれませんがご容赦ください。

CITI Japanプログラムは研究関連団体のすべての方に研究倫理教育を提供している登録制のサービスです。すべてのサービスに参加するために、受講者はCITI Japanに参加する機関に属している必要があります。

CITI Japanプログラムは保護されたサイトです。あなたがCITI Japanに参加している機関に属する新規の受講者の場合、ユーザ名とパスワードを作成するために登録手続きを完了し、その上でサイトにアクセスする必要があります。

登録済みのユーザ 下記からログイン

ユーザ名

パスワード

送信

[ユーザ名、パスワードを忘れた方](#)

良好なレスポンスを確保するために、同時アクセスユーザ数は現在2500名に制限されています。ログイン出来ない場合は、他のユーザがログオフした際にログインすることが可能になります。現在、このサイトには1187名がログインしています。

注意：CITI JapanプログラムはMicrosoft Internet Explorer ver.8.0以降、またはFirefox ver.2.0以降でご利用下さい。





What is The CITI Program

www.citiprogram.org

- CITI Program is subscription based
 - >1350 institutional participants from around the world
 - ~35,000 new learners per month complete a CITI Course
 - >1.5 million people since 9-1-00
 - ~470,000 new learners since 7-1-09
- Courses in all areas of research ethics
 - Human subjects research and GCP
 - Privacy and data security
 - The use of animals in research
 - Biosafety and security
 - The RCR topics
- ~63% of learners self-identify as students & fellows



What is The CITI Program

www.citiprogram.org

- Modules organized in Libraries
- Customized courses.
- Text, cases, video cases and quizzes
- Satisfaction Survey - IRB approved, voluntary, anonymous.
- Non US-Centric International Courses

CITI RCR Course



Biomedical Sciences



Social & Behavioral Sciences*



Physical Sciences



Arts & Humanities



Engineering

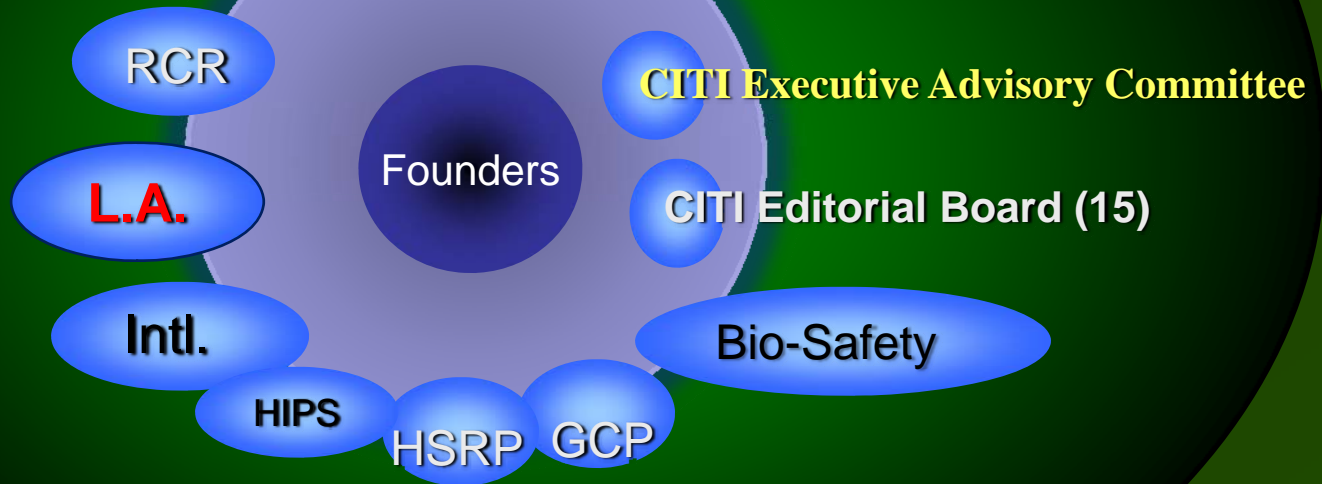


Science Administrators

CITI – Program ⁷⁻²⁰¹⁰

Participating Institutions and Organizations (~1350)

CITI Developer Group (~75)



www.citiprogram.org

CITI Administration – Office of Research Education, University of Miami



"Integrity Protecting the Works of Man." John Quincy Adams Ward, 1903

CITI International Program

- Multi-language course site
- International collaborations
- CITI Centers of Excellence.

CITI International collaborations

- Collaborations

- WABTP ; AGCPN
- WHO Collaborating Center for Ethics and Global Health Policy.
- FIC/NIH programs.
 - Costa Rica, Argentina, Chile and Kenya
 - Pan American Bioethics Initiative –
 - Braunschweiger, Goodman, Litewka - FIC/NIH



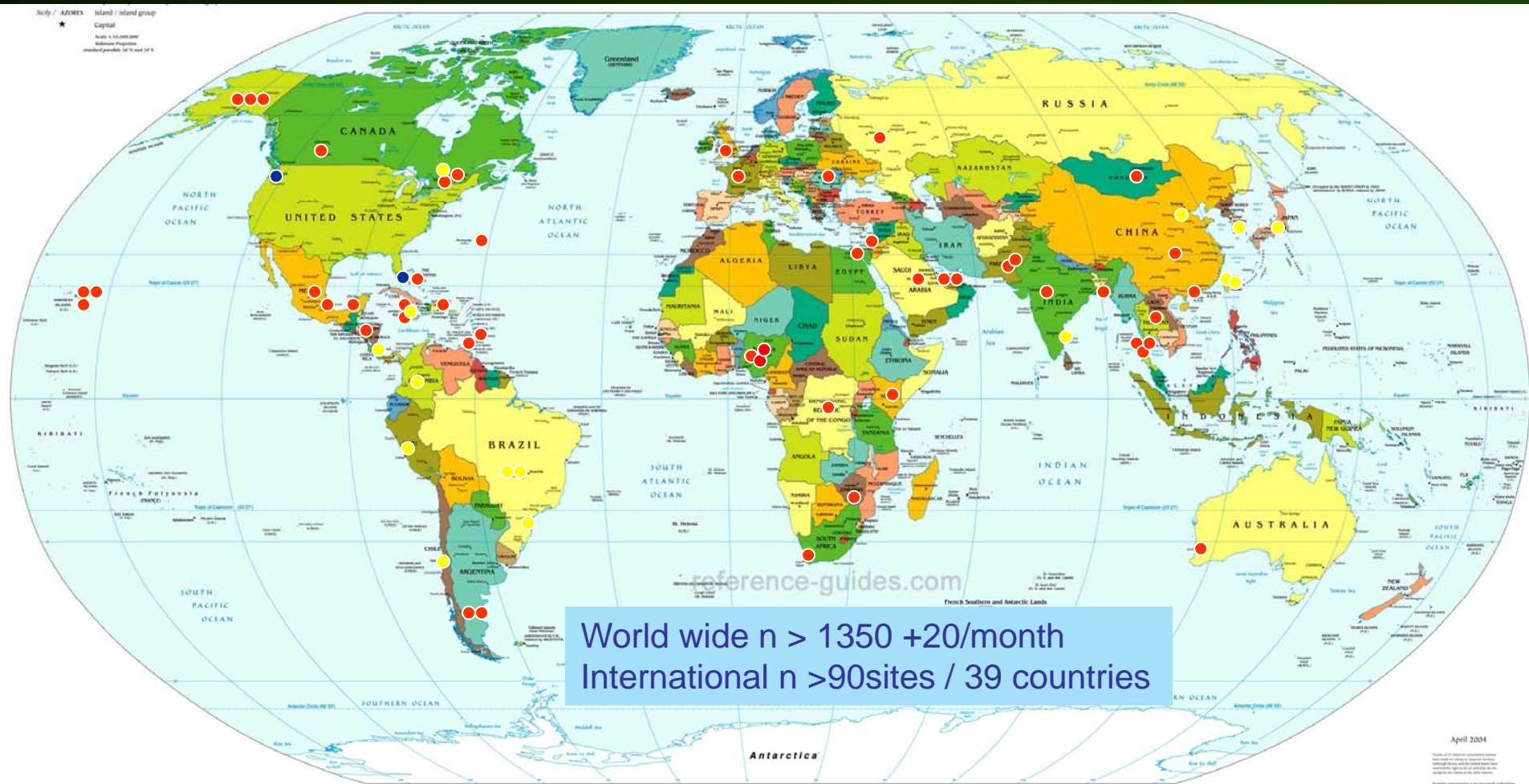
“Integrity” by Joris Plu 2005



PABI Initiative and The CITI Program.

- PABI and CITI supports the creation of sustainable educational models for strengthening the responsible conduct of research in the host countries.
- PABI Fellows are decision makers / policy architects at research institutions or regulatory bodies.
- PABI Fellows adapt CITI content according to the needs of their institutions.
- PABI Fellows develop new content materials according to local needs.
- PABI Fellows responsibility for the implementation of educational programs to foster research integrity and the RCR of clinical and non-clinical research.

CITI International Initiatives



CITI Participants in Singapore (10)

- Duke-NUS Graduate Medical School Singapore
- MOH (Singapore)
- National Healthcare Group - Singapore
- NUS
- Singapore Clinical Research Institute
- Singapore Health Services Pte (SingHealth)
- NTU
- *Health Promotion Board*
- Gleneagles CRC
- Parkway Cancer Center

Initiatives





CITI Center of Excellence

- Goals:
 - Develop sustainable internet based research ethics education programs for the country or region.
 - CITI Program provides the web platform and organizational guidance.
 - Collaborators provide:
 - Organizational Plan.
 - Modifications of existing CITI content rendered appropriate for local conditions.
 - New content specific for the country or region.
 - Distribution plan for the new Center initiative.
 - Business plan for sustainability.

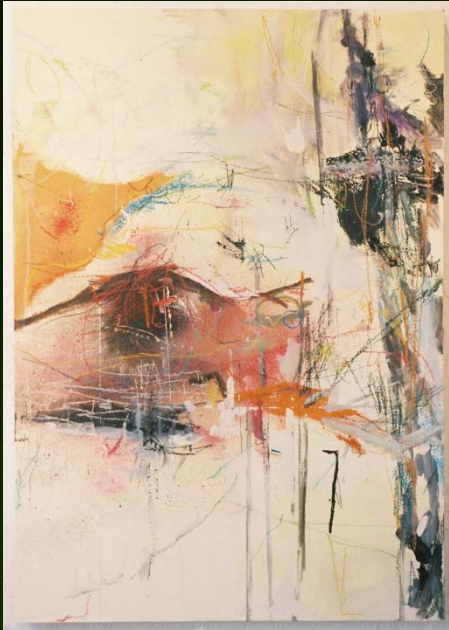
CITI International Program



- CITI Centers of Excellence
 - PABI Latin America – UM Serio Litewka
 - Caribbean Nations – UWI, T. Mullings MD
 - Canada - U. Toronto and N2, Karen Arts MS
 - India – SRU, SP Thyagarajan, MD
 - Korea – Cath. U. BI Choe Ph.D.
 - Japan – Tokai U. , Iekuni Ichikawa, MD
 - China - Peking University, Yali Cong Ph.D.

"Integrity" by Canneto, Columbus, OH

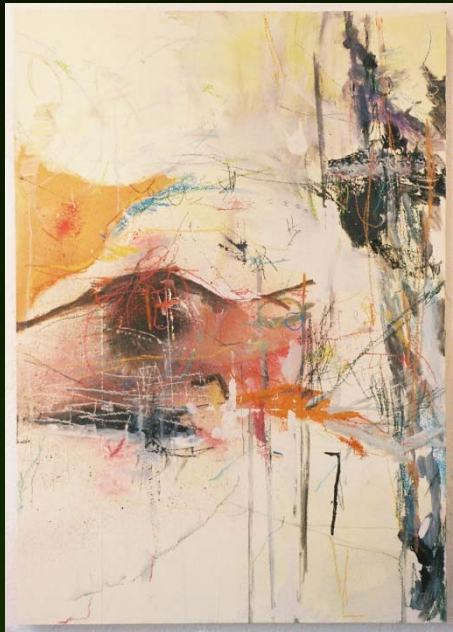
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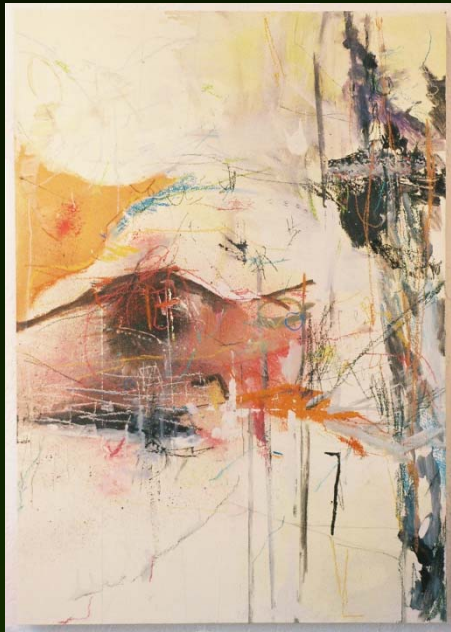
Challenges / Questions



"New Integrity" by Artibella Avanti

- Most studies show that web based approaches and traditional classroom approaches are similarly effective.
- US DoE report indicated that a blended approach is more effective than either alone.
- How do we determine the value to learners and evaluate efficacy of a chosen learning paradigm for students and faculty?

Challenges / Questions



“New Integrity” by Artibella Avanti

- Most studies show that web based approaches and traditional classroom approaches are similarly effective.
- US DoE report indicated that a blended approach is more effective than either alone.
- Value to the Learner
 - Ask the learners using post course survey instruments.
- Efficacy of training
 - Longer term follow up on how the basic RCR training changed their attitudes and behaviors.