



CONTEMPORARY SCIENCE ASSOCIATION • NEW YORK
www.contemporaryscienceassociation.net

Scientific Publications Index • Scholarly Journals Index • Scientific Resources Database • Directory of Academic Resources • Contemporary Research Index • Elite Scientific Journals Archive • Recent Science Index • Digital Journals Database • Academic Papers Database • Current Index to Scholarly Journals

30-18 50th Street, Woodside, New York, 11377 Phone: 718 626-6017

Scientific Publications Index	spi@contemporaryscienceassociation.net
Scholarly Journals Index	sji@contemporaryscienceassociation.net
Scientific Resources Database	srd@contemporaryscienceassociation.net
Directory of Academic Resources	dar@contemporaryscienceassociation.net
Contemporary Research Index	cri@contemporaryscienceassociation.net
Elite Scientific Journals Archive	esja@contemporaryscienceassociation.net
Recent Science Index	rsi@contemporaryscienceassociation.net
Digital Journals Database	djd@contemporaryscienceassociation.net
Academic Papers Database	apd@contemporaryscienceassociation.net
Current Index to Scholarly Journals	cisj@contemporaryscienceassociation.net

Contemporary Science Association is a research and development unit within AAP/ASRC (Advancement of Scholarly Research Center), New York. CSA features links, descriptions and other information for thousands of academic journals in all disciplines, collates information from a variety of sources to conveniently provide access to the latest scholarly research, and is devoted to the advancement of electronic scholarly communication. CSA web site offers searchable databases of journals. Advanced information technology necessarily improves the effectiveness of scientific and scholarly research. CSA editors performing journal evaluations have educational backgrounds relevant to their areas of responsibility as well as experience and education in information science. We operate a research platform that deploys information technology and tools to increase productivity and facilitate new forms of scholarship. If there are any journals that are not available in the databases that you would find useful, please feel free to send the name of the journal to **office@contemporaryscienceassociation.net** and we may be able to include it in a database.

CSA/AAP databases are premium online information resources for thousands of institutions worldwide, representing millions of end-users. Once a journal is launched and has a track record of timely publication and solid content, it is appropriate to contact indexing and abstracting services for consideration. Indexing and abstracting services facilitate the broadest dissemination of information by pointing researchers to papers that are relevant to the field. CSA/AAP uses a panel of indexers, subject experts and technical services managers to review all new journals that are candidates for indexing in our database. Candidates are evaluated for possible inclusion based on a variety of criteria which include subject, geographical scope, peer-review, productivity, and other factors. The evaluation process consists of evaluation of many criteria: timeliness of

publication, adherence to international editorial conventions, English language bibliographic information (English article titles, keywords, author abstracts, and cited references). The journal's editorial content and the international diversity of its authors and editors are examined.

CSA/AAP Review Committee usually recommends continuing to index those highly ranked titles that are currently indexed. Journal evaluation and selection is ongoing at CSA/AAP with journals added to and deleted from the databases as frequently as monthly. Each year, our editorial staff reviews over 1,000 journal titles, and selects around 10% of the journals evaluated for inclusion in our databases. Journals now covered are monitored to ensure that they are maintaining high standards and a clear relevance to the products in which they are covered. CSA/AAP Review Committee will index supplements to journals if the supplements contain indexable articles, come as part of the journal subscription, and retain the title and volume numbering of the journal. CSA/AAP welcomes suggestions and recommendations for coverage. Refining journal coverage in our database is an on-going process and we appreciate receiving recommendations from the scientific and scholarly communities. Every journal included in our databases has been evaluated according to the highest standards. This steady application of quality has enabled the continuous development of our databases, whose primary purpose is to provide comprehensive coverage of the world's most important scholarly journals. CSA/AAP remains committed to bringing the users of its products the most important and influential scholarly information in a timely manner. Contemporary Science Association continues to be expanded on a regular basis and now lists more than 14,500 journals from different publishers.

Quality, originality, and importance of the scientific content are primary considerations. CSA/AAP Review Committee meets four times a year. About 250 titles, including new titles and re-reviews, are examined at each meeting. CSA/AAP editors performing journal evaluations have educational backgrounds relevant to their areas of responsibility as well as experience and education in information science. Every effort is made to assign journals to primary reviewers on the Committee who are knowledgeable about the subject and/or fluent in the language. Requesters are not informed of the specific date of the review because of the large number of titles to be reviewed and the possibility of changes to the schedule. Several weeks after the meeting, notifications are sent to editors/publishers for all titles selected for indexing. CSA/AAP reviews titles from the current lists of journals indexed in our databases that have been referred by indexers or other staff for reconsideration because they have changed emphasis or scope and may no longer meet the criteria for inclusion in them. Many factors are taken into account when evaluating journals for coverage, ranging from the qualitative to the quantitative. The journal's basic publishing standards, its editorial content, the international diversity of its authorship, and the citation data associated with it are all considered. By combining and interrelating the data, the editor is able to determine the journal's overall strengths and weaknesses. Timeliness of publication is a basic criterion in the evaluation process. CSA/AAP notes whether or not the journal follows international editorial conventions (informative journal titles, fully descriptive article titles and abstracts, complete bibliographic information for all cited references, and full address information for every author), which optimize retrievability of source articles. Application of the peer review process is another indication of journal standards and indicates overall quality of the research presented and the completeness of cited references. It is also recommended that, whenever possible, each article publish information on the funding source supporting the research presented. We look for international diversity among the contributing authors and the journal's editors and editorial advisory board members.

We need at least three consecutive current issues to complete an evaluation. Please send the most current issue of the journal, and then each subsequent issue as soon as each is published to the following address:

**Publication Processing Department,
Contemporary Science Association/AAP
30-18 50th Street, Woodside, New York, 11377, USA**



INSTITUTE OF INTERDISCIPLINARY STUDIES IN HUMANITIES AND SOCIAL SCIENCES • NEW YORK

30-18 50th Street, Woodside, New York, 11377 Phone: 718 626-6017

The Institute of Interdisciplinary Studies in Humanities and Social Sciences (IISHSS), a private, independent scientific institution located in New York (NY), promotes and supports interdisciplinary research in humanities and social sciences at RIOTS/Addleton Academic Publishers/Contemporary Science Association. It does so by: acting as a focus for intellectual and cultural debate in IISHSS; working with staff to make their existing creative and research activities more visible across and beyond IISHSS; initiating interdisciplinary and multidisciplinary projects; and seeking funding opportunities, helping staff with applications, and influencing funding agendas in IISHSS.

The general aim of IISHSS is to be broadly representative of high-quality research in the social and human sciences. The goals of IISHSS are to enable scholars to easily communicate current research and teaching interests, to discuss new approaches, methods and tools of analysis, and to test new ideas and share comments on the literature in their fields.

The mission of IISHSS is to create an academic community where individuals can pursue advanced work in humanities and social sciences. IISHSS exists to encourage and support fundamental studies, offering all who work here the freedom to undertake research that will make significant contributions in any of the broad range of fields in humanities and social sciences. IISHSS strives to become one of the world's leading centers for theoretical research and intellectual inquiry. Fellows work individually and across disciplines on projects chosen for their quality and long-term impact. As part of its mission to create an academic community where individuals can pursue advanced work, IISHSS sponsors a range of programs that engage scholars in new research endeavors. Academic engagement programs serve the public by hosting lectures, conferences, and symposia that aim to increase understanding about cutting-edge research.

IISHSS provides administrative support, financial assistance and publicity for interdisciplinary conferences and workshops that are proposed by research groups or individual members of staff. Each week IISHSS circulates to academic staff an email diary of forthcoming research seminars and other events. IISHSS events calendar includes a full listing of lectures, conferences, exhibits, and other events. Unless otherwise noted, events are free and open to the public.



Addleton Academic Publishers, 30-18 50th Street, Woodside, New York, 11377 Phone: 718 626-6017
www.addletonacademicpublishers.com, editors@addletonacademicpublishers.com

International peer-reviewed academic journals: *Linguistic and Philosophical Investigations* • *Review of Contemporary Philosophy* • *Analysis and Metaphysics* • *Economics, Management, and Financial Markets*
Contemporary Readings in Law and Social Justice • *Geopolitics, History, and International Relations*

The publications of Addleton Academic Publishers are books and other materials that further scholarly investigation, advance interdisciplinary inquiry, stimulate public debate, educate both within and outside the classroom, and enhance cultural life. In its commitment to increasing the range and vigor of intellectual pursuits, Addleton AP continually extends its horizons to embody university publishing at its best. We are now focused on a future in which large-scale electronic delivery will augment or possibly replace today's paper delivery where appropriate. Through its publishing programs, Addleton AP promotes research and education, enriches cultural and intellectual life, fosters regional pride and accomplishments, and diligently pursues the best and most innovative technology to meet the needs of our readers. Addleton AP publishes academic books and journals of high quality on a wide range of subjects primarily in the humanities and social sciences and issues a few publications for primarily professional audiences. It is best known for its publications in the broad and interdisciplinary area of theory and history of cultural production, and as a publisher willing to take chances with nontraditional and interdisciplinary publications, both books and journals. The titles we publish are subject to peer review, which guarantees their relevance but is also costly and time consuming, and they are printed in limited press runs for small, specialized audiences, which increases their unit cost. As an academic press, our mandate is to serve the world of scholarship and culture as a professional, not-for-profit publisher. Intent on delivering high-quality research into the hands of students and faculty in a timely manner, Addleton AP has succeeded in attracting first-rate authors.

INTERNATIONAL ADVISORY BOARD

Amitav Acharya	American University, Washington, DC
Sharon Anderson-Gold	Rensselaer Polytechnic Institute
James Ang	Monash University
Keith Ansell-Pearson	University of Warwick
Francisco J. Ayala	University of California
Mohammad Azadpur	San Francisco State University
Jody Azzouni	Tufts University
Stephen Barker	University of Nottingham
Giorgio Baruchello	University of Akureyri
Avner Baz	Tufts University
Michael Beaney	University of York
Ermanno Bencivenga	University of California
Athlone Christine Besley	University of Illinois at Urbana-Champaign
John Biro	University of Florida

Walter E. Block	Loyola University-New Orleans
Peter Bofinger	University of Würzburg
Nick Bostrom	Oxford University
Jeffrey Brand-Ballard	George Washington University
Robert G. Brice III	Michigan State University
John Burt	Brandeis University
David Campbell	University of Glasgow
Mario De Caro	Roma Tre University
Dan Coffey	Leeds University Business School
D. E. Cooper	University of Durham
Eros Corazza	Carleton University
Daniel Dahlstrom	Boston University
Andrea Filippetti	University of London
Matthew Flinders	University of Sheffield
Juliet Floyd	Boston University
Michele Di Francesco	Universita Vita Milano
Mitchell Green	University of Virginia
Yu Hsing	Southeastern Louisiana University
Daniel Hutto	University of Hertfordshire
Dale Jacqueline	Pennsylvania State University
Gregg B. Johnson	State University of New York-Buffalo
Markku Jokisipilä	University of Turku
David R. Just	Cornell University
Haider A. Khan	University of Denver
Gary Kemp	University of Glasgow
Heikki J. Koskinen	University of Helsinki
Nimmi Kurian	Centre for Policy Research, New Delhi
Cristina Lafont	Northwestern University
Henry Laycock	Queen's University
Oystein Linnebo	University of Bristol
Bernard Linsky	University of Alberta
Tibor R. Machan	Chapman University
William Maloney	Newcastle University
John Marenbon	University of Cambridge
Simon Marginson	University of Melbourne
Derek Matravers	Open University
John McDowell	University of Pittsburgh
John H. McDowell	Indiana University
Mary Kate McGowan	Wellesley College
Scott Meikle	University of Glasgow
Inmaculada de Melo-Martin	St. Mary's University
Adele Mercier	Queen's University
Alex Miller	Macquarie University
Jhon James Mora	Icesi University
Stephen Mumford	University of Nottingham
Jacob Needleman	San Francisco State University
Alan Nelson	University of California
Paul Noordhof	University of Nottingham
Camilla Nordberg	University of Helsinki
Walter Ott	East Tennessee State University
Derek Parfit	Oxford University
Michael A. Peters	University of Illinois at Urbana-Champaign

Christopher Pincock	Purdue University
Stefano Predelli	University of Nottingham
Mario Ricciardi	University of Milan
Joseph Raz	Columbia University
Nicholas Rescher	University of Pittsburgh
Karl Roberts	Liverpool John Moores University
William I. Robinson	University of California-Santa Barbara
Gonzalo Rodriguez-Pereyra	University of Nottingham/ Universidad Torcuato Di Tella
Stanley Rosen	Boston University
Kenneth Seeskin	Northwestern University
Steven Schier	Carleton College, Northfield
Brian Schroeder	Rochester Institute of Technology
Sanford Shieh	Wesleyan University
Nirvikar Singh	University of California-Santa Cruz
Hartley Slater	University of Western Australia
Peter Smith	University of Manchester
Antonia Soulez	University of Paris 8
Steve Stein	University of Miami
David Stern	University of Iowa
Susan Stuart	University of Glasgow
Richard Swinburne	Oxford University
Carole Thornley	Keele University
Charles Travis	Northwestern University
Aili Tripp	University of Wisconsin-Madison
Nadia Urbinati	Columbia University
Peter Ulrich	St. Gallen University
Jesse T. Wasson	State University of New York-Buffalo
Nelson Waweru	York University
Nicholas White	University of California
Rob Wilson	University of Alberta
Hailiang Yang	University of Hong Kong

CONTRIBUTORS

Mark Addis	Birmingham City University
Maija Aalto-Heinilä	University of Joensuu
Sharon Anderson-Gold	Rensselaer Polytechnic Institute
Claudia Arrighi	Stanford University
Francisco J. Ayala	University of California
Jody Azzouni	Tufts University
William A. Barnett	University of Kansas
Chantal Bax	University of Amsterdam
Avner Baz	Tufts University
Michael Beaney	University of York
Athlone Christine Besley	University of Illinois at Urbana-Champaign
Xiang Biao	Oxford University
Nick Bostrom	Oxford University
Jeffrey Brand-Ballard	George Washington University
Rodrigo Britez	University of Illinois at Urbana-Champaign

Manuel Bremer	University of Düsseldorf
Robert G. Brice	Michigan State University
Ergin Bulut	University of Illinois at Urbana-Champaign
John Burt	Brandeis University
Paul Cammack	Manchester Metropolitan University
Mario De Caro	Roma Tre University
Gerard Casey	University College Dublin
Eros Corazza	Carleton University
Benjamin L. Curtis	Birmingham University
Matthew Densley	University of Sussex
Paul Ernest	University of Exeter
Terry B. Ewell	Towson University
Michael Fara	Princeton University
Roberta Ferrario	Laboratorio di Ontologia Applicata, CNR, Trento
Matthew Flinders	University of Sheffield
Nicholas F. Gier	University of Idaho
Chrysoula Gitsoulis	City University of New York
Eberhard Herrmann	Uppsala University
Dale Jacquette	Pennsylvania State University
Asa Kasher	Tel Aviv University
Haider A. Khan	University of Denver
Christine M. Korsgaard	Harvard University
Timothy Koschmann	University of Southern Illinois
Peter Lamarque	University of York
Gregory Landini	University of Iowa
Henry Laycock	Queen's University
Norman Lillegard	University of Tennessee at Martin
Todd Litman	Victoria Transport Policy Institute
Maurilio Lovatti	Università Cattolica di Brescia
Leonard Lynn	Case Western Reserve University
Tibor R. Machan	Chapman University
Penelope Maddy	University of California
Pete Mandik	University of New Jersey
Simon Marginson	University of Melbourne
Mary Kate McGowan	Wellesley College
Ruth G. Millikan	University of Connecticut
Martin Montminy	University of Ottawa
Luca Moretti	University of Sydney
Julian Morris	IPN/University of Buckingham
Jacob Needleman	San Francisco State University
Anne Newstead	University of New South Wales
Masamitsu Ohnishi	Osaka University
Yusuke Osaki	Osaka University
Walter Ott	East Tennessee State University
Elisa Paganini	University of Milan
Derek Parfit	Oxford University
Michael A. Peters	University of Illinois at Urbana-Champaign
Matthew Pianalto	University of Arkansas
Frank N. Pieke	Oxford University
Randy Ramal	Claremont Graduate University
Joseph Raz	Columbia University
Nicholas Rescher	University of Pittsburgh

Greg Restall	University of Melbourne
Duncan Richter	Virginia Military Institute
Karl Roberts	Liverpool John Moores University
William I. Robinson	University of California at Santa Barbara
Michael Della Rocca	Yale University
Gonzalo Rodriguez-Pereyra	University of Nottingham/ Universidad Torcuato Di Tella
David Rosner	Metropolitan College of New York
James Sagner	Metropolitan College of New York
Mark Sainsbury	King's College, London
Hal Salzman	Rutgers University
Basindike L. Sayi	United States International University
Steven E. Schier	Carleton College
Michael Shellenberger	Breakthrough Institute, Oakland
John Shotter	University of New Hampshire
Brent Silby	University of Canterbury
Hartley Slater	University of Western Australia
Peter Smith	University of Manchester
A.-M. Søndergaard Christensen	University of Southern Denmark
Bill Stacey	Aviate Global Asia, Lion Rock Institute
David Stern	University of Iowa
Robert Streiffer	University of Wisconsin at Madison
Arthur Sullivan	Memorial University of Newfoundland
Richard P. Suttmeier	University of Oregon
Richard Swinburne	Oxford University
Stephen Thornton	University of Limerick
Alberto Toscano	Goldsmiths University of London
Nadia Urbinati	Columbia University
T.P. Uschanov	University of Helsinki
Jason Waller	Purdue University
Nelson M. Waweru	York University
Samuel C. Wheeler	University of Connecticut
John Williamson	Peterson Institute
Xiangkui Yao	University of Oregon
Alex Zixiang Tan	Syracuse University

CSA Congresses are affiliated with the international peer-reviewed academic journals edited by Addleton Academic Publishers, New York.

THE 7TH WORLD CONGRESS ON THE ADVANCEMENT OF SCHOLARLY RESEARCH IN SCIENCE, ECONOMICS, LAW, AND CULTURE

**New York
Advancement of Scholarly Research Center
November 3–14, 2010**

Proceedings to be published by Addleton Academic Publishers (New York) and indexed in EBSCOhost, EBSCO Discovery Service, and Contemporary Science Association Databases. This book constitutes the refereed *proceedings* of the 7th World Congress on the Advancement of Scholarly Research in Science, Economics, Law, and Culture, held in New York in November 3–14, 2010, ISBN 978-1-935494-10-2.

Papers submitted under section II: Bucharest THE 1ST INTERNATIONAL ANIMAL HEALTH SCIENCE CONFERENCE (BEE CONFERENCE)

This congress provided us a great opportunity for exchanging and sharing ideas, for building alliances among our colleagues around the globe and for advancing knowledge to face the existing as well as emerging challenges in a rapidly changing world. The papers are of an appropriately high intellectually standard and are at the leading edge of research in the relevant disciplines.

The 331 revised full papers presented together with 68 demo papers were carefully reviewed and selected from 762 submissions. All papers selected for this conference were peer-reviewed and were evaluated based on relevance, significance, originality, clarity, and technical merit. Selected best papers will be expanded and revised, as required, for Addleton journals. It is the responsibility of authors to ensure the originality, authorship, accuracy, complete references, coherent organization and legible appearance of their work. The Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The submission formatting includes: no more than 6 pages in length including references, illustrations, and appendices; authors' names, contacts and affiliations appear on the paper; a short abstract around 150 words and keywords contained on the first page; 2-column format of single-spaced text in 10 point Times Roman for the body of the text; no page numbers; no headers and footers; Standard US-letter size, not A4; PDF or MS-Word format



INVITATION

We are delighted to invite you to attend the *7th World Congress on the Advancement of Scholarly Research in Science, Economics, Law, and Culture* which will convene in New York, November 3–14, 2010, at the CSA/AAP office. Peer-reviewed *proceedings* of the Congress will be published under the editorship of Cynthia Neal, Christine Wright and Steve Frechette by Addleton Academic Publishers, New York.

Head of CSA/AAP Review Committee

Addleton Academic Publishers, New York

Official partner of
Contemporary Science Association, New York





A partner of EBSCO Publishing

Increasing subscriptions, driving web traffic and enhancing brand recognition

EBSCO Discovery Service™

EBSCO *Discovery Service* provides users with an easy, yet powerful, index of an institution's information resources, through a single search. This is achieved by using metadata from both internal (library) and external (publisher's and database vendors') sources, and creating a pre-indexed service of unprecedented size and speed.

Benefits to Publishers and Information Providers:

- EBSCO *Discovery Service* will increase usage, exposure and the value of content to which an institution subscribes;
- Expose your content to new users – generating leads that can be converted into new business;
- Users will be driven towards content from libraries' holdings of individual e-journals, e-journal collections, books, magazines and aggregated databases purchased by the library;
- An increase in awareness of authors' and publishers' brand;
- Usage increases citation rankings;
- Faculty will be more likely to submit articles to popular publications.