JOURNAL PUBLICATION IN CHILE, COLOMBIA, AND VENEZUELA:

UNIVERSITY RESPONSES TO GLOBAL, REGIONAL, AND NATIONAL PRESSURES

AND TRENDS

by

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LIST OF ACRONYMS/ABBREVIATIONS

AHCI   Thomson Reuters' Arts and Humanities Citation Index

AUSJAL   Asociación de Universidades Confiadas a la Sociedad de Jesús en América Latina [Association of Universities of the Jesus Society in Latin America]

CDCH   Consejo para el Desarrollo Científico y Humanístico, Universidad Central de Venezuela [Council for Scientific and Humanistic Development]

CDCHT   Consejo para el Desarrollo Científico, Humanístico y Tecnológico, Universidad de Los Andes [Council for Scientific, Humanistic, Technological, and Artistic Development] Venezuela

CLACSO   Consejo Latinoamericano de Ciencias Sociales [Latin American Council of Social Sciences]

CLP$ Chilean peso, currency

Colciencias   Departamento Colombiano para el Desarrollo de la Ciencia y la Tecnología [Colombian department for the development of Science and technology]

CONDES   Consejo para el Desarrollo Científico, Humanístico y Tecnológico, Universidad del Zulia [Council for Scientific, Humanistic, and Technological Development]

CONICYT   Comisión Nacional de Investigación Científica y Tecnológica [National Commission for Scientific and Technologic Research] Chile

COP$ Colombian peso, currency

ENG   Quotation translation into English

FAPESP   Fundação de Apoio à Pesquisa do Estado de São Paulo [Foundation for the Promotion of Research of Sao Paulo State] Brazil

FONDECYT   Fondo para el Desarrollo Científico y Tecnológico [Fund for the Scientific and Technological Development] Chile

FONACIT   Fondo Nacional de Ciencia, Tecnología e Innovación [National Fund for Science, Technology, and Innovation] Venezuela

HNU   Hemeroteca Nacional Universitaria [National University Library of Periodical Publications] Colombia

IADB   Inter-American Development Bank

ICTs   Information and Communication Technologies

ICFES   Instituto Colombiano para el Fomento de la Educación Superior [Colombian Institute for the Promotion of Higher education]

IMF   International Monetary Fund

ISI   Thomson Reuters Corporation, previously Institute for Scientific Information

LA&C   Latin America and the Caribbean

LiLACS   Literatura Latinoamericana en Ciencias de la Salud [Latin American Literature in Health Sciences] index

LOCTI   Ley Orgánica de Ciencia y Tecnología [Organic Law of Science and Technology] Venezuela

LUZ   Universidad del Zulia, Venezuela

MEN   Ministerio de Educación Nacional [Ministry of Education] Colombia

OA   Open Access

OCyT   Observatorio Colombiano de Ciencia y Tecnología [Colombian Observatory of Science and Technology]

OECD   Organization for Economic Cooperation and Development

OJS   Open Journal System

PAHO   Pan-American Health Organization

PEI   Programa de Estímulo a la Investigación [Research Encouraging Program] Venezuela

PKP	Public Knowledge Project
PPI	Programa de Promoción al Investigador [Researcher Promotion program] Venezuela
R&D	Research and development
S&T	Science and Technology
SCI	Thomson Reuters' Science Citation Index
SINADIB	(FUNDASINADIB) Fundación Sistema Nacional de Documentación e Información Biomédica [National Biomedical Documentation and Information System] Venezuela
SPA	Quotation in Spanish
SSCI	Thomson Reuters' Social Science Citation Index
UACh	Universidad Austral de Chile
UBV	Universidad Bolivariana de Venezuela
UCAB	Universidad Católica Andrés Bello, Venezuela
UCV	Universidad Central de Venezuela
UdeA	Universidad de Antioquia
ULA	Universidad de Los Andes, Venezuela
UNAM	Universidad Nacional Autónoma de México
USAID	United States Agency for International Development
USD$	United States dollar, currency
VEF$	Venezuelan bolivar forte, currency
WB	World Bank
WoS	Thomson Reuters' Web of Science

- *__Universidad Católica Andrés Bello__*

  - University research
    - New
    - Research groups
    - Graduate programs – Specializations, some masters, a few doctorates
  - Researchers
    - Policy on productivity – No
  - Library and office of publications
    - Same director
    - Business model
  - Journals
    - Growth - numbers
    - Online platform
      - No
      - Library page - PDF
  - Journal policy
    - No
    - Individual initiatives
    - Some training
    - University interest indexation but not support
  - Journal funding
    - University fund
    - Commitment to pay for indexes
  - Journal personnel
    - Editor ad honorem/work load arrangement
  - Journal circulation
    - Print – layout and printing by the university
    - Online – rudimentary (kind of repository), delayed
  - Journal management
    - No control over budget, publishing (layout, printing, distribution)
    - Office of publications – distribution – no control over it

Comment [a1]: Journal publication – Institutional standards / policy

Comment [a2]: Faculty productivity - Salaries

Comment [a3]: Journal publication – Institutional actors

Comment [a4]: Journal / article publication growth

Comment [a5]: Institutional arrangements – Technology

Comment [a6]: Journal publication – Institutional standards / policy

Comment [a7]: Journal funding – Institution

Comment [a8]: Journal editor – role and characteristics

Comment [a9]: Journal management Institutional arrangements – Technology

- *Universidad Central de Venezuela*

  o **Academic Vice provost**
    - **Consejo de Desarrollo Científico y Humanístico (CDCH) [Council for Scientific and Humanistic Development]**
      - **Budget limitations – frozen Budget, high inflation**
    - **Scientific, Humanistic, and Technological Information System**
      - **Publishing subsystem**
        o **Print, no electronic**
        o **No policy**
        o **Journal evaluation – No, FONACIT evaluation (difficult dialogue)**
        o **Journal distribution – personnel shortness**
        o **Not all journals published here**
        o **Uncontrolled journal growth – insolvency**
  o **Journal funding**
    - **FONACIT – Frozen, delayed payment (threat against frequency)**
    - **CDCH – Limited, delayed payment. 75% cost**
    - **Schools limited budget**
  o **Journal editor**
    - **Declared value**
    - **No work load release**
    - **No payment**
    - **Does everything – champions**
  o **Journal editor training**
    - **Workshops**
    - **Biannual**
    - **Paying**
    - **Journal sustainability – at risk**
  o **Online platform – No**
    - **SciELO**
    - **RedALyC**
    - **Ohter**
  o **SciELO**
    - **Foundation from School of Medicine – FUNDASINADIB**
    - **At risk – No FONACIT funding**
  o **University press units**
    - **17 – schools and centers**
    - **Levels of development**
    - **Lack of a policy**
  o **Schools with many journals – Humanities and education – 14**

Comment [a1]: Journal publication – Institutional actors
Journal management
Institutional arrangements – Technology

Comment [a2]: National policy affecting journal publication
Journal funding - Institution

Comment [a3]: Journal publication – Institutional standards / policy
Journal management

Comment [a4]: Journal / article publication growth

Comment [a5]: Journal funding – Government
Journal funding – Institution

Comment [a6]: Journal editor – Role and characteristics

Comment [a7]: Institutional arrangements - Training

Comment [a8]: Journal sustainability

Comment [a9]: Institutional arrangements – Technology

Comment [a10]: Journal publication – Indexes
Journal funding – Government
Journal sustainability

Comment [a11]: Journal publication – Institutional actors

Comment [a12]: Journal / article publication growth

- *Universidad del Zulia*

  o ISI journals
  o Consejo de Desarrollo CONDES [Development Council]
    ▪ Research criteria – visibility, social relevance, applicability, impact
    ▪ Journal evaluation
      • FONACIT – criteria and categories
      • Focus on frequency and timing
      • Gold standard SCI
    ▪ Journal funding
      • Only scientific journals, timing publications and 1000 copies.
      • Funding
      • Co-funding (FONACIT)
      • Current crisis – journal support
      • Layout, mail/distribution/ indexes (SCI), 2 administrative assistants
  o Open access journals
  o Journal repository (Revicyhluz) – general journal portal
    ▪ Online platform – OJS
    ▪ Working on a portal for each journal
    ▪ Working on increasing capacity
  o Journal personnel
    ▪ Editor ad honorem
    ▪ Recognition to 20-y editors
    ▪ Journal growth
      • Growth of research productivity
  o Faculty productivity – Salary scale (institution = PPI)

- *Universidad de Los Andes*

  - Strategic alliance – RedALyC – Venezuelan scientometric atlas
  - Consejo de Desarrollo Científico, Humanístico, Tecnológico y de las Artes (CDCHTA) [Council for Scientific, Humanistic, Technological, and Arts Development]
    - University research management
    - Main programs
      - Research projects
      - Publications – Journal (Strength) and scientific book publication
        - Coordinator of scientific journals
          - Improvement plan
            - Journal policy
            - Journal publication advise
            - Annual journal evaluation – University culture
            - Journal funding and co-funding (FONACIT)
              - Importance of annual evaluation
              - Maybe only journals A and B
            - Editors – training, information
        - Article publication funding
        - Crisis – government cuts
    - Electronic journals
      - Repository – SaberULA [http://www.saber.ula.ve/] - visibility
      - CDCHTS webpage
      - Database of Venezuelan S&T Journals (REVENCYT) [http://www.revencyt.ula.ve/scielo.php] of FUNDACIT – Merida
        - In charge of Latindex
  - Unified publishing policy / infrastructure – No
    - Every academic unit publishes
    - Working on creating a large university press unit
  - Library
    - Interlibrary exchange
    - Work with ServiULA
      - Repository
      - SciELO data processing
    - Work with REVENCYT
  - Recognition and stimuli to journals/articles
    - SaberULA
    - FONACIT
    - CDCHTA
  - Editors
    - Recognition
    - No salary / workload
  - Indexes
    - Emphasis on regional
    - International – expensive (??)
    - SciELO data processing
      - REVENCYT
      - Other contract
  - Legislation
    - Internet
    - Contracting service and purchase law
    - Sumptuous expenses – travel abroad
    - 6.5% budget reduction
  - Faculty productivity
    - PPI
    - ULA Programa de Estímulo al Investigador
    - Recognition to article authors/editors
  - LOCTI – S&T law
    - FONACIT – frozen payments and program
  - Faculty productivity – Salary scale (institution < PPI)

Comment [a1]: Strategic alliances

Comment [a2]: Governance - Centralized/decentralized coordination of journal publication
Journal publication – Institutional standards / policy

Comment [a3]: Journal funding – Institution

Comment [a4]: Institutional arrangements - training

Comment [a5]: Funding

Comment [a6]: Journal funding - Government

Comment [a7]: Institutional arrangements – Technology

Comment [a8]: Journal publication – Institutional standards / policy

Comment [a9]: Journal publication – Institutional actors

Comment [a10]: Journal publication – Institutional standards / policy

Comment [a11]: Journal editor – Role and characteristics

Comment [a12]: Journal publication - Indexes

Comment [a13]: National policy affecting journal publication

Comment [a14]: Faculty productivity – Salaries

Comment [a15]: Journal funding - Government

Comment [a16]: Faculty productivity – Salaries

II.　Global and regional initiatives

- **Role of international organizations**
  - UNESCO
  - Inter-American Development Bank (IADB)
  - Pan-American-Health Organization (PAHO)
- **Public Knowledge Project (PKP) – Open Journal System (OJS)**
  - Complete journal management system
  - Chile
    - Pilot study
    - Journals applying for competitive funding
- **Regional cooperation projects**
  - Failure or stagnated
    - CLASE, Periodica
    - Latindex
    - SciELO

III.　National factors: Government S&T agencies/policy/programs

- **Historical background**
  - S&T for development
  - U.S.-backed development policy
    - Communism contention
    - USAID at the beginning
    - IABD loans later
    - PAHO
- **Chile**
  - Agencies
    - CONICYT
    - CORFO
    - CNIC
    - FONDEF
  - Funding for research
    - Competitive government funding – FONDECIT
    - Small grants for individual researchers
    - Large grants for institutions and research networks
    - Funding for innovation
    - Funding guided by public policy, specific areas
- **Colombia**
  - Agencies
    - Colciencias – from institute to department
    - Observatorio Colombiano de Ciencia y Tecnología (OCyT)
    - Ministerio de Educación Nacional (MEN)
  - National S&T policy
    - Research groups – evaluation, ranking
    - Journals – evaluation, ranking
  - Funding for research
    - Competitive government funding
      - Colciencias
      - Central Bank

Comment [a1]: Development model – Role of international / multilateral organizations

Comment [a2]: Democratization of knowledge – Open access publication

Comment [a3]: Regional journal databases / indexation services – Journal standards

Comment [a4]: Development model – Role of international / multilateral organizations

Comment [a5]: National standards and evaluation / recognition systems for journal publication

Comment [a6]: Journal funding - Government

Comment [a7]: National standards and evaluation / recognition systems for journal publication

Comment [a8]: National standards and evaluation / recognition systems for journal publication

Comment [a9]: Journal funding – Government

II. National factors: Government policy on journals

- **Chile-CONICYT Scientific Information Program**
  - o **Focus on journals**
  - o **Access to information/data**
  - o **Goal: Visibility**
  - o **SciELO, second country after Brazil**
    - ▪ **Key journals (Universidad Austral de Chile)**
- **Colombia-Colciencias Knowledge Networks Office**
  - o **Historical background**
    - ▪ **IADB loans**
  - o **Strategy-Social appropriation of knowledge**
  - o **National journal indexation**
  - o **International journal validation-approval (where to publish)**
  - o **Higher education accreditation**
    - ▪ **Institutional**
    - ▪ **Program (undergraduate, graduate)**
- **Venezuela-FONACIT – National Science, Technology, and innovation Fund**
  - o **Programa de Apoyo al Investigador (PPI) [Researcher Support Program]**
  - o **Programa de Publicationes Científicas y Tecnológicas [Scientific and Technology Publication Program]**
    - ▪ **Journal funding**
    - ▪ **Journal evaluation – only print journals**

Comment [a1]: National standards and evaluation / recognition systems for journal publication

Comment [a2]: National standards and evaluation / recognition systems for journal publication

Comment [a3]: Development model – Role of international / multilateral organizations

Comment [a4]: National standards and evaluation / recognition systems for journal publication

Comment [a5]: Quality assurance – Accreditation

Comment [a6]: Faculty productivity - Salaries

Comment [a7]: National standards and evaluation / recognition systems for journal publication
Journal funding government

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II. National factors: Journal evaluation systems

- **Historical background**
  - ICSU experience in Africa
  - Journal editor workshop in Guadalajara
  - Need for larger representation of LA&C research
- **Countries**
  - Chile
    - Latindex criteria
    - SciELO
    - Has talked about creating a journal evaluation system
      - Have journal evaluations for Latindex stored
      - Recognition of advantages: national state of the art
  - Colombia
    - Historical background
      - ISI-first mechanism (1980s)
      - 1st census of journals – ACAC, Colciencias (1996) – model
        - Bibliographic control
        - Variables: national and international visibility, publishing/editorial quality
        - Problem: normalization, management
      - Corporación CT&S – model
        - Electronic index
        - Information service
        - Actor-network theory (Bruno Latour)
        - Endogamy – breaking
    - Publindex
      - Latindex criteria
      - Variables: visibility, stability, editorial quality, scientific quality
      - Journal categories: A1, A2, B, C
      - Call for submissions for indexation
        - Twice a year
      - Lists of journals where to publish
      - Criteria for appointment of journal editors
      - Achievements: Change of Colombian journals
      - Strengthened with Decree 1279 – national journals
      - Purposefulness – goal or means
      - Advantages: Ranking, Opportunities for internationalization, Culture of scientific publishing
    - Policy for journal evaluation
      - Successful public policy – few in history
      - Call to review model
        - Beyond ISI
        - Review visibility – social sciences
    - Perversions
    - Research/scientific publication policy
      - Publindex – not enough
  - Venezuela
    - Historical background
      - CONACYT – 1967
      - FONACIT – 2002
    - Ministry of Science, Technology, and Intermediate Enterprises
      - FONACIT – National Science, Technology, and innovation Fund
      - Programa de Apoyo al Investigador (PPI) [Researcher Support Program] (1991)
        - Parallel system = Salary + salary bonuses
        - Journal article proliferation
      - Programa de Publicationes Científicas y Tecnológicas [Scientific and Technology Publication Program]
        - Journal funding
          - Before 1990s health and sciences
          - After 1990s humanities
          - Suspended since 2009 -uncertainty
            - Latindex criteria
            - 2006 first ranking - >60%
            - Biannual
            - Vertical - No appeals
            - Only print journals
            - Categories (A, B, and C)

II. **On the journals**

- **Purpose**
  - **Communication of research - exogamy**
  - **Institutional endogamy**
- **Visibility**
  - **Databases/repositories**
    - **Number**
    - **Search of**
- **Editors**
  - **Lifestyle – part of academic life**
  - **Recognition**
  - **Salary**
  - **Need of professionalization-knowledge**
- **Network generation**
  - **Reciprocity – article exchange**
- **Publishing process**
  - **Rigor evaluating articles**
- **Journal circulation**
  - **Decreasing print**
  - **Increasing electronic**
  - **Several databases/repositories**

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II.   Bibliographic indexes/databases

- Growing numbers–competition
- Citation measuring–selective
- Latindex
- SciELO
  - Pan-American Health Organization + FAPeSP
  - Country chapter and some thematic areas
    - No work with individual institutions
  - Institution in charge.
    - Chile: CONICYT
      - Training, advice, meetings
      - Increasing growth and demand
      - Insufficient funding and personnel
      - Data processing: CONICYT, external personnel
    - Colombia: Partnership Institute of Public Health UNC and Colciencias
      - Changed criteria
      - Business
      - Allegations of corruption
    - Venezuela: FONACIT
      - Universidad Central de Venezuela - FUNDASINADIB
  - Language
    - English titles, abstracts, keywords
  - Prestige and relevance
  - Perception about the initiative/index – Culture of scientific publishing
  - Inflexible, but world changing
  - Expensive
- RedALyC
  - Country chapters and other partners
    - Work with institutions
  - Latindex criteria – initially
  - Perception about the initiative/index
    - Another source visibility
    - Democratic, participatory
    - Interested in coverage
  - Tapping a market – social sciences
  - Training
  - Journal management system – SEGE
  - Funding
    - UAEM
    - Conversations with Banco Santander-Universia
  - Colombia: partnership with Scopus (current?)
  - Free of charge
- ISI (Thomson Reuters indexes)
  - ISI as a referent
    - Regional criticism (Sagasti, Velho, Spaniards)
      - Language biases
      - No representative – LA&C publication
        - International criticism (Gibbs)
  - Exogamy requirement
    - Imposed external paradigm
  - Impact factor
    - Unreal, selective, non-comprehensive
    - Evaluation of quality through citations/references – limited
  - Perception about the initiative/index
    - Endogamous
    - Expanded
    - Fear of competition
    - Rankings but consultation?
    - Taking knowledge and making/selling database
  - Competition: Latindex, SciELO, RedALyC
    - Came to negotiate
- Scopus
  - Atlas of Science – Spain
  - Perception about the index
    - Market
    - Colombia: Partnership with RedALyC [plus MEN]
- ERIC
  - Kind of documents included
    - Research/scholarly papers
    - Conference papers
    - Other documents
- Pubmed
  - Support of scientific associations
- EBSCO – pay per view
  - Venezuela – Illegal
- Colombia: big market
  - SciELO: partnership Institute of Public Health UNC and Colciencias
  - Scopus: partnership MEN and RedALyC (?)
    - Re-colonization–neocolonialism

B.2   CATEGORIES USED TO ORGANIZE THE FINDINGS

- o Supra category: University policy, arrangements, and actions
  - ▪ Category: Actors
    - • Subcategory: Authorities and journal coordinators
    - • Subcategory: Institutional actors
    - • Subcategory: Journal editors and editorial teams
  - ▪ Category: Policy, strategies, and resources
    - • Subcategory: University actions
    - • Subcategory: Publication formats
    - • Subcategory: Journal funding
- o Supra category: National Trends and Pressures
  - ▪ Category: Government political trends
    - • Subcategory: Market oriented – Chile, Colombia
    - • Subcategory: Socialism – Venezuela
  - ▪ Category: Public funding
  - ▪ Category: National journal evaluation systems
  - ▪ Category: Product-based salaries
    - • Subcategory: Salary bonuses
    - • Subcategory: Salary increments
  - ▪ Category: University accreditation
  - ▪ Category: University rankings
- o Supra category: Global pressures and trends
  - ▪ Category: Publication formats
    - • Subcategory: Electronic – Open access
    - • Subcategory: Print publication
  - ▪ Category: International organizations
  - ▪ Category: Journal scope - Exogamy
    - • Subcategory: Mainstream journals/indexes
    - • Subcategory: Locally oriented journals/indexes
  - ▪ Category: Language of publication
    - • Subcategory: English
    - • Subcategory; Local languages
  - ▪ Category: Imposed paradigms
    - • Subcategory: Natural science tradition
    - • Subcategory: Social science and humanities tradition

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