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ABSTRACT
         This Critical Issue Bibliography (CRIB) Sheet focuses on the
literature available on the internationalization of postsecondary education.
The citations are grouped into these major categories: (1) Importance of
International Education; (2) Curriculum; (3) Intercultural; (4) International
Studies; (5) Language; (6) Professional Schools; (7) Administrative
Structures; and (8) Assessment. Many articles stress the importance of
international education, signaling that there is not a general acceptance of
this goal. Much of the literature also relates to broader curriculum. The
annotated bibliography describes 40 sources, all of which are in the ERIC
database. (SLD)

Critical Issue Bibliography (CRIB) Sheet:

Internationalization of Postsecondary Education

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What is an ERIC CRIB Sheet?

A Critical Issue Bibliography (CRIB) sheet is a selected bibliography on a topic of interest in the field of higher education. The majority of the literature cited in the bibliography is found in the ERIC Database, though some CRIB sheets also include other literature, such as selected Internet resources. CRIB sheets are updated annually.

Many of the issues discussed in one bibligraphy relate to another CRIB sheet topic. For example, the CRIB sheet on affirmative action is closely related to the CRIB sheet on creating a multicultural climate on campus. We have tried to note such connections in the bibliographies themselves; we encourage you not to see CRIB sheet topics as discrete and to explore several bibliographies on related topics.

This CRIB sheet was updated in December 2001.

Critical Issue Bibliography (CRIB) Sheet:
Internationalization of Postsecondary Education

After World War II, an international component began to emerge in the United States' postsecondary institutions. The United States' new role as an international leader spawned international studies programs, new foreign language programs, and research and study exchange programs. Experts with an international perspective were critical in fostering our nation's new political role in world peace. Fulbright scholarships were born. In more recent years, due to the shrinking world economy and blurring of national boundaries, emphasis has shifted to infusing the general curriculum with an international perspective through study of other countries, their cultures, and their postsecondary education systems. Professional programs in business, social work, engineering, and teacher education have been the most active in embracing this new international perspective. Faculty and administrators from foreign countries have been recruited in an effort to diversify college campuses. What began as a narrow curricular innovation developed into an initiative that impacts the general curriculum and the human resources, administration, and mission of postsecondary education.

Terminology relating to the internationalization of postsecondary education has become confused. Some people discuss global education, others discuss international education, and still others emphasize intercultural, cross-cultural, and multicultural education. Each phrase has a distinct meaning, but all emphasize the importance of a greater appreciation of the diverse cultures of the world. Though internationalization is a buzzword on almost every campus, there is scant higher education research on the topic. Most ERIC literature on internationalization of postsecondary education has been collected from conferences. One new publication -- the *Journal of Studies in International Education* -- will help to fill this gap. The *Chronicle of Higher Education* is also a good resource for keeping informed about current events in international education and for obtaining an international perspective. In addition, the UNESCO/International Association of Universities fosters collaborations and partnerships in postsecondary education all over the world.

This CRIB sheet attempts to introduce the reader to the literature available on this topic. Citations are grouped in eight major categories: 1) Importance of International Education, 2) Curriculum, 3) Intercultural, 4) International Studies, 5) Language, 6) Professional Schools, 7) Administrative Structures, and 8) Assessment. Many articles stress the importance of international education, signaling that there is not general acceptance of this goal. Much of the literature also relates to broader curricular infusion. Articles listed in the curriculum category include those that stress the importance of international education within the areas of language development, intercultural competence and international studies. Leadership by professional schools is another theme. As international education became conceptualized as an overall campus learning goal rather

than as a specific disciplinary objective, *administrative structures*, e.g., international education or exchange centers and consortia, have emerged. Dilemmas and processes within these centers are the focus of this section. Lastly, *assessment* of internationalization of postsecondary education has begun to emerge to evaluate whether or not curricular modifications and new administrative structures are meeting the intended goals.

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http://www.geocities.com/Athens/9866/zintlhie.htm
Information Resources for International Higher Education

Importance of International Education

EJ623454
Altbach, Philip. (2001). Academic freedom: International realities and challenges. *Higher Education, 41*, 1-2, 205-19.
Defines the concept of academic freedom in a historical and comparative framework and discusses the challenges facing academic freedom around the world, where it is frequently under attack.

EJ582057
Peterson, Norman J. (1998, Fall). The challenges of the new global landscape and university international outreach programs. *Journal of Public Service & Outreach, 3*, 3, 42-48.
Explores outreach activities that universities can develop to help today's interconnected international environment, including promoting international business capacity and creating networks to raise awareness of global trends.

EJ582055
Noel, Jan C., & Henson, James B. (1998, Fall). International outreach: Requirement for future success in higher education. *Journal of Public Service & Outreach, 3*, 3, 20-31.
Examines the role of universities in international outreach efforts by looking specifically at the activities in research, education, and economic development at Washington State University.

EJ549309
Groennings, Sven. (1997, Spring). The Fulbright program in the global knowledge economy: The nation's neglected comparative advantage. *Journal of Studies in International Education, 1*, 95-105.

A look at how to adjust and redesign the Fulbright Program for operation in a post-Cold War world.

ED383260
(1994). *Investing in human capital. Leadership for the challenges of the 21st century. Edited proceedings of the Institute of International Education Forum.* New York, NY: Institute of International Education.
These proceedings highlight the Institute for International Education's forum on the implications of the emergence of a global economy and the worldwide communications revolution for international education and training.

ED372980
(1993). Global interdependence. *Proceedings of the Annual Meeting of the Global Awareness Society International.* Global Awareness Society International.
A collection of 32 articles that examine the theme of global interdependence from a variety of professional and personal angles.

ED362139
Scott, Robert A. (1993, June). *A "liberating" education for the 21st century.* Speech delivered at the Annual Meeting of the American Forum for Global Education.
This speech discusses the development of a true undergraduate liberal education for the 21st century that is also global in scope.

Curriculum

EJ549299
May, Bruce E. (1997). Curriculum internationalization and distance learning: Convergence of necessity and technology. *Journal of Teaching in International Business, 9,* 35-50. New York, NY: Haworth Press, Inc.
Argues that the existing methods of internationalizing the business curriculum can be applied to distance learning and other areas of rapid growth in higher education.

ED417626
Wilkenfeld, Jonathan, & Others. (1995, September). *International negotiation seminars project.* College Park, MD: University of Maryland, Department of Government and Politics.
This report looks at a program at the University of Maryland designed to give first- and second- year students an opportunity at learning cross-cultural communication skills.

ED416759
Koller, John M. (1995, January 31). *Globalizing education for engineering and science students: A FIPSE project model for cross-cultural studies of science and technology.* Troy, NY: Rensselaer Polytechnic Institute.
This report describes a project at Rensselaer Polytechnic Institute to develop a curriculum that focuses on the social construction and use of science and technology in diverse cultural contexts.

ED351979
Pickert, Sarah, & Turlington, Barbara. (1992). *Internationalizing the undergraduate curriculum: A handbook for campus leaders*. Washington, DC: American Council on Education.
This handbook offers practical guidance from implemented programs for making the undergraduate curriculum more international in outlook and content.

Intercultural

EJ615132
Bodycott, Peter, & Walker, Allan. (2000, January). Teaching abroad: Lessons learned about inter-cultural understanding for teachers in higher education. *Teaching in Higher Education, 5*, 1, 79-94.
Discusses the intercultural effects on college faculty teaching abroad through an exploration of the experiences of two teaching academics working in Hong Kong with emphasis on issues of language and communication and social and cultural distance. Argues that the development of intercultural understandings must permeate the curricula, and be a shared goal and responsibility of both teachers and students.

ED366361
Nunezz-Cronk, Brunilda, & Willoughby, Donna. (1993, November). *Golden West College intercultural center*. Paper presented at the Western Regional Conference of the Comparative and International Education Society.
A look at the development of an Intercultural Center at Golden West Community College to enhance campus-wide awareness of cultural diversity through services to immigrant and international students and the campus community.

International Studies

EJ591466
Anderson, W. (1999). Cooperating internationally. *New Directions for Higher Education, 27*, 2, 101-07.
A number of college and university consortia have embarked on international educational cooperation ventures, providing valuable experiences and benefits for faculty, students, alumni, and the community. This article lists criteria for the programs to be effective and also lists some pitfalls to these programs.

ED432190
Kalvemark, T., & van der Wende, M. (Eds.) (1997). *National policies for the internationalization of higher education in Europe*. Stockholm, Sweden: Swedish Foundation for International Cooperation in Research and Education.
This report presents an overview and analysis of national policies for internationalization in higher education in Europe over the last 10 years. It examines six major issues: (1) fundamental political ideas; (2) priorities and motives for national policies; (3) procedures used in development of national policies; (4) policy implementation; (5)

changes in national higher education as a result of internationalization; and (6) assessment of the affects of national policy.

ED421025
Huxur, Gulbahar, Mansfield, Earl, Nnazor, Reginald, Schuetze, Hans, & Segausa, M. (1996). *Learning needs and adaptation problems of foreign graduate students.* Ontario, Canada: Canadian Society for the Study of Higher Education.
This paper examines the learning needs and adaptation problems of foreign graduate students, and is based on the experiences of the five co-authors' graduate studies in Canada and the United States.

ED382134
Goodman, Louis W., & Others. (1994, December). *Undergraduate international studies on the eve of the 21st century.* Washington, DC: The Association of Professional Schools on International Affairs.
This study seeks to examine the manner and extent to which the United States' leading higher education institutions are adapting their undergraduate international studies and area studies degree programs to the realities of the post-Cold War world.

ED373697
Krajewski, Lorraine A., & Patrick, Joe A. (1994, March 22). *Developing and implementing an international studies minor: A liberal arts-business administration partnership.* Paper presented at the Annual Eastern Michigan University Conference on Language and Communication for World Business and the Professions.
A look at the International Studies minor created by the University of Louisiana in Shreveport as an academic partnership between the disciplines of Business and Liberal Arts.

ED416779
Bunney-Sarhad, Linda. (1992, November 2). *International studies: A transdisciplinary agent for curricular reform.* Stanisluas, CA: California State University.
This report looks at a program developed by California State University to "internationalize" existing curriculum by adding field projects conducted at a community center serving a large population of Cambodian refugees.

Language

ED388074
Rickert, Blandine. (1995, April). *Third semester college French, a different approach: Practical French for careers.* Paper presented at the Annual Eastern Michigan University Conference on Languages and Communication for World Business and the Professions.
A look at an alternative approach to third semester French that is used at the University of Colorado at Denver. Adopted to improve student motivation by focusing on learning French for practical everyday situations encountered while traveling for business or pleasure.

ED388066

Calvi, Licia, & Walter Geerts. (1995, April). *A multimedia program combining special purposes Italian with the study of the Italian economy.* Paper presented at the Annual Eastern Michigan University Conference on Languages and Communication for World Business and the Professions.

This paper describes the first phase of a project that applies multimedia and hypermedia technology to the study of modern languages. The approach differs from traditional ones in that language is not viewed from a conversational or grammatical perspective, but through scenarios imitating the contexts of natural language use.

ED372699

Suarez, Jose I. (1993, December). *The language & international trade program at Clemson University.* Paper presented at the Modern Languages Association Convention.
A look at an undergraduate program in Language and International Trade developed at Clemson University. The program is designed to train students to meet the needs of American firms doing business overseas.

Professional Schools

EJ441528

Pust, Ronald E., & Moher, Susan P. (1992, February). A core curriculum for international health: Evaluating ten years' experience at the University of Arizona. *Academic Medicine, 67,* 90-94.
A survey of 154 graduates of a University of Arizona medical school curriculum in international health, and the results of that survey.

ED343780

Pang, Laura J. (1989, February). *A curricular reform and modernization proposal for internationalizing engineering education.* Colorado School of Mines, Golden Department of Global Systems and Cultures.
The primary objective of this three-year project was to introduce a new curriculum of international study into an engineering and applied sciences, single-purpose university with the curriculum focus on the social sciences and languages.

ED331826

(1989). *Guidelines for international teacher education.* Washington, DC: American Association of Colleges for Teacher Education.
This project, developed in three phases, called for the development of guidelines that could be used in the United States to internationalize undergraduate teacher preparation curricula.

EJ380309

Healy, Lynne M. (1988, Fall). Curriculum building in international social work: Toward preparing professionals for the global age. *Journal of Social Work, 24,* 221-28.
The results of a study on the rationale for and optimal approaches to internationalizing

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social work education are described. Learning objectives and content areas for the general graduate curriculum and for specializations are discussed.

Administrative structures

ED444426
Schoorman, Dilys. (2000). *How is internationalization implemented? A framework for organizational practice.*
The trend to internationalize has impacted upon most higher education institutions in the United States. This paper offers an organizational framework for understanding and implementing internationalization as an institution-wide process.

ED417640
(1997, October). *The global university for the twenty-first century. A strategic plan.*
Washington, DC: National Association of State Universities and Land Grant Colleges.
This strategic plan addresses the internationalization of activities of American colleges and universities. Specifically, schools offering programs in food, agricultural, and natural resources disciplines.

EJ515373
King, Arthur R., Jr. (1995, Fall/Winter). The pacific circle consortium: A case of international educational consortium. *International Journal of Social Education, 9*, 94-106.
Discusses the origins, development, and educational services and products of the Pacific Circle Consortium. Maintains that the organization's program consists primarily of a set of interchange activities, including curriculum materials, visits by international educators, conferences, and research.

ED416807
Mills, Thomas J., & Campbell, Jean B. (1994, August 31). *Educational use of foreign students and Americans returned from study abroad: A project to improve global education.* Eugene, OR: University of Oregon, Office of International Education and Exchange.
This report describes a three-year program at the University of Oregon to utilize Americans returning from study abroad and international students as educational resources in global education.

ED417625
Ebert, Kenneth B., & Burnett, Jane. (1993, September 14). *Strategies to advance the internationalization of learning (SAIL) program.* East Lansing, MI: Michigan State University, Office of International Studies and Programs.
This report looks at the SAIL program developed at Michigan State University. The program was designed to promote international, comparative, and cross-cultural learning and cross-cultural understanding in the university community.

ED367251
Johnston, Joseph S., Jr., & Edelstein, Richard J. (1993). *Beyond borders: Profiles in international education*. Washington, DC: American Assembly of Collegiate Schools of Business, and Association of American Colleges.
Profiles of 15 college and university interdisciplinary collaboration programs for international education.

ED372777
Franco, Robert W., & Shimabukuro, James N., (Eds.). (1992). *Beyond the classroom: International education and the community. Volume II: Internationalizing the campus environment*. Honolulu, HI: Hawaii University, Honolulu, and Kapiolani Community College.
The second volume in a four part series in which community college educators discuss their efforts to internationalize the educational experience of the students and communities they serve. Volume II discusses the challenges, pitfalls, and rewards of creating campus environments with rich international and intercultural programs and activities.

ED342316
Aigner, Jean S., & Others. (1992). *Internationalizing the university: Making it work*.
This paper presents an agenda for "internationalizing" the university and discusses the operationalization of such an endeavor through efforts in the following areas: administration; faculty and curriculum; foreign study and international exchanges; foreign students and scholars; technical cooperation and international development; and public service.

ED348293
Venditti, Phillip N. (1992). *Administration of international education*. Paper presented at the Annual Meeting of the Association of Texas Colleges and Universities.
A look at some examples of what is being done to further internationalize education in community colleges around the United States, and why community colleges should be involved in international education.

EJ436134
Briscoe, Keith. (1991, Fall). Broadening horizons: Institutionalizing an international perspective. *Educational Record, 72*, 62-64.
A look at how Buena Vista College in Iowa has brought an international perspective to campus through extensive faculty exchange, study aboard, and recruitment of foreign students.

Assessment

EJ621612
Brennan, John, & Shah, Tarla. (2000). Quality assessment and institutional change: Experiences from 14 countries. *Higher Education, 40*, 3, 331-49.
This discusses the studies conducted on the effects of national and institutional quality

management systems on higher education institutions in 14 countries by drawing on 29 cases studies. Develops a conceptual model of the relationships between quality management and institutional change. Emphasizes the importance of power and values in the establishment of quality management.

EJ570433
Corbitt, Brian. (1998). Managing quality by action research--improving quality service delivery in higher education as a marketing strategy. *Journal of Marketing for Higher Education, 8*, 3, 45-62.
Describes two action research projects undertaken at an Australian university to improve quality of services to foreign students and improve the institution's image through word of mouth, or informal marketing.

ED377786
Davis, Todd M., (Ed.). (1994). *Open doors 1993/94: Report on international educational exchange.* New York, NY: Institute of International Education.
This report takes the results of a survey of accredited colleges and universities, and examines the internationalization of the US higher education system.

ED358800
Sharma, Madhav P., & Mulka, John S. (1993, March). *The impact of international education upon United States students in comparative perspective.* Paper presented at the Annual Conference of the Comparative and International Education Society.
This study evaluated international attitudes of American students from six US universities as related to number of semesters on campus, campus density of international students, and university involvement in international education programs, especially study abroad programs.

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