

CURRICULUM VITAE

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Education

A.B., Dartmouth College (English), 1964
M.A.T., Harvard University (English and Education), 1965
Ph.D., Syracuse University (Higher Education), 1972

Professional Experience

July, 2010 to date Distinguished Professor and Senior Scientist Emeritus

2005 to 2010 Distinguished Professor and Senior Scientist
Department of Education Policy Studies and
Center for the Study of Higher Education
The Pennsylvania State University

1990 to 2004 Professor and Senior Scientist
Center for the Study of Higher Education
The Pennsylvania State University

5/97 to 11/98 Interim Director
Center for the Study of Higher Education
The Pennsylvania State University

1990 to 1995 Associate Director for Research Programs
National Center on Postsecondary Teaching, Learning, and Assessment
The Pennsylvania State University

1991 to 1995 Associate Director
Center for the Study of Higher Education
The Pennsylvania State University

1986 to 1990	Professor of Higher Education Institute of Higher Education University of Georgia
1984 to 1986	Assistant to the President for Planning State University of New York at Albany
1978 to 1984	Director, Office of Institutional Research State University of New York at Albany
1978 to 1986	Associate Professor of Education (adjunct) State University of New York at Albany
1977 to 1978	Associate Professor of Higher Education Assistant Director, Project CHOICE Syracuse University
1973 to 1977	Assistant Professor of Higher Education (adjunct) Syracuse University
1972 to 1977	Director of Research Office of Student Affairs Syracuse University
1970 to 1972	Graduate Assistant to Chair Higher Education Program Syracuse University
1969 to 1970	Research Assistant to the Dean of Women Syracuse University
1967 to 1969	Instructor in English Dean Junior College (Franklin, MA)
1965 to 1967	Instructor in English Colorado Academy (Denver)

Honors and Awards

Sidney Suslow Award, Association for Institutional Research, for "significant, original contributions to research and scholarship in institutional research and administrative decision making." (1987)

Forum Best Paper Award (lead author, with T. M. Wright), Association for Institutional Research, for paper presented at the 1986 Forum. (1987)

Forum Best Paper Award (lead author, with E. T. Pascarella), Association for Institutional Research, for paper presented at the 1990 Forum. (1991)

Research Achievement Award, Association for the Study of Higher Education, for "outstanding contributions to research on higher education." (1991)

Contribution to Knowledge Award, American College Personnel Association. (1992)

Award for Significant Research or Publication, College Student Personnel Association of New York. (1992)

Senior Scholar, American College Personnel Association (1994-99; elected to Diplomate status, March, 1999)

Outstanding Service Award, Association for Institutional Research. (1994)

Outstanding Contribution to Literature or Research Award, National Association for Student Personnel Administrators. (1995)

Outstanding Contributions to the Profession Award, Pennsylvania College Personnel Association. (1995)

Forum Best Paper Award (lead author, with L. Springer, P. Yaeger, E. Pascarella, & A. Nora), Association for Institutional Research, for paper presented at the 1995 Forum.

Article of the Year Award (with E. Pascarella, E. Whitt, A. Nora, M. Edison, and L. Hagedorn), Commission IX (Assessment for Student Development) of the American College Student Personnel Association, for the best article in Volume 37 (1996) of *The Journal of College Student Development*.

Diamond Anniversary Honoree, for "Outstanding Contributions to the Field of Student Affairs." 75th Anniversary Conference of the American College Personnel Association. (1999).

Article, entitled “Students’ Out-of-Class Experiences and Their Influence on Learning and Cognitive Development: A Review of the Literature” (lead author, with E. T. Pascarella and G. S. Blimling), selected for inclusion in the 40th Anniversary issue of the *Journal of College Student Development*.

Distinguished Service Award, Northeast Association for Institutional Research. (2000)

How College Affects Students (with E. T. Pascarella; Jossey-Bass, 1991) selected as one of the “100 most influential books about U.S. colleges and universities in the 20th century.” See Fincher, C. L., Keller, G., Bogue, E. G., & Thelin, J. (2001). *100 Classic Books About Higher Education*. Bloomington, IN: Phi Delta Kappa International.

William Elgin Wickenden Award (lead author, with A. F. Cabrera, C. L. Colbeck, J. M. Parente, & S. A. Bjorklund), from the American Society for Engineering Education, for the best paper published in the *Journal of Engineering Education* in 2001. (2002)

Named Distinguished Professor, College of Education, Pennsylvania State University. (2004)

Career Achievement Award, College of Education, Pennsylvania State University. (2005-06)

Sphere of Influence Award, awarded jointly by the American College Personnel Association and the National Association of Student Personnel Administrators. (2007) [This was the inaugural award, which will be given only once each decade when the two associations hold a joint meeting.]

Visiting Scholar, ACT, Inc., Iowa City, IA. July 2008.

Howard R. Bowen Distinguished Career Award. Association for the Study of Higher Education, November 2010.

Publications

1973 Terenzini, P. T. (1973). The goals of student personnel work: Views from the top. *NASPA Journal*, *11*, 31-35.

1974 Terenzini, P. T. (1974). Research and the territorial imperative. *NASPA Journal*, *12*, 9-15.

1975 Terenzini, P. T. (1975). A proposal: Research information for college students. *Journal of College Student Personnel*, *16*, 430.

- Terenzini, P. T. (1975). Public opinion research: Quick and not so dirty. In R.G. Cope (Ed.), *Information for decisions in postsecondary education* (pp.218-220). Tallahassee: Association for Institutional Research.
- Terenzini, P. T. (1975). Changes in personality and academic aptitude patterns in the attrition process and their implications for institutional research. In R. F. Grose & D. L. Kegan (Eds.), *Coping in the '70s* (pp. 143-165). Amherst, MA: Northeast Association for Institutional Research.
- 1976** Terenzini, P. T., & Pascarella, E. T. (1976). The relation of freshman students' social and academic integration to attrition. In R. H. Fenske (Ed.), *Conflicting pressures in postsecondary education* (pp. 225-231). Tallahassee: Association for Institutional Research.
- Pascarella, E. T., & Terenzini, P. T. (1976). Informal interaction with faculty and freshman ratings of the academic and non-academic experience of college. *Journal of Educational Research*, 70, 35-41.
- Pascarella, E. T., & Terenzini, P. T. (1976). Ratings of the academic program by freshman students in 'systematically designed' and 'conventional' courses: A discriminant analysis. In L. Benedict, R. F. Grose, D. Kegan, & J. Wittstruck (Eds.), *Rational decision-making and political realities: The role of institutional research* (pp. 141-153). Amherst, MA: Northeast Association for Institutional Research.
- 1977** Terenzini, P. T., & Pascarella, E. T. (1977). An assessment of the construct validity of the Clark-Trow typology of college student subcultures. *American Educational Research Journal*, 14, 225-248.
- Terenzini, P. T., & Pascarella, E. T. (1977). Voluntary freshman attrition and patterns of social and academic integration in a university: A test of a conceptual model. *Research in Higher Education*, 6, 25-43.
- Terenzini, P. T., & Pascarella, E. T. (1977). The relative importance of initial student expectations and the freshman experience of college in voluntary attrition. In R. H. Fenske (Ed.), *Research and Planning for Higher Education* (pp. 213-218). Tallahassee: Association for Institutional Research.
- Pascarella, E. T., & Terenzini, P. T. (1977). Patterns of student-faculty informal interaction beyond the classroom and voluntary freshman attrition. *Journal of Higher Education*, 48, 540-552.
- Pascarella, E. T., & Terenzini, P. T. (1977). Personality correlates of Clark-Trow orientations toward college: A construct validation. *Journal of College Student Personnel*, 18, 268-275.

- 1978** Terenzini, P. T., & Pascarella, E. T. (1978). The relation of students' pre-college characteristics and freshman year experience to voluntary attrition. *Research in Higher Education, 9*, 347-366.
- Kelly, E. F., Pascarella, E. T., Terenzini, P. T., & Chapman, D. (1978). The development and use of the Adjective Rating Scale: A measure of attitude toward courses and programs. *Journal of Selected Abstracts in Science: Catalogue of Selected Documents in Psychology, 8*, 19-20.
- Pascarella, E. T., & Terenzini, P. T. (1978). Student-faculty informal relationships and freshman year educational outcomes. *Journal of Educational Research, 71*, 183-189.
- Pascarella, E. T., Terenzini, P. T., & Hibel, J. (1978). Student-faculty interactional settings and their relationship to predicted academic performance. *Journal of Higher Education, 49*, 450-463.
- Stark, J. S., & Terenzini, P. T. (1978). Alternatives to federal regulation of consumer information. In *New directions for the student consumer-movement* (pp. 1-6). 1978 National Conference Series. Washington: American Association for Higher Education.
- 1979** Pascarella, E. T., & Terenzini, P. T. (1979). Student-faculty informal contact and college persistence: A further investigation. *Journal of Educational Research, 72*, 214-218.
- Pascarella, E. T., & Terenzini, P. T. (1979). Interactive influences in Spady's and Tinto's conceptual models of college dropout. *Sociology of Education, 52*, 197-210.
- 1980** Terenzini, P. T., & Pascarella, E. T. (1980). Toward the validation of Tinto's model of college student attrition: A review of recent studies. *Research in Higher Education, 12*, 271-282.
- Terenzini, P. T., Hartmark, L., Lorang, W. G., & Shirley, R. C. (1980). A conceptual and methodological approach to the identification of peer institutions. *Research in Higher Education, 12*, 347-364.
- Terenzini, P. T. (1980). An evaluation of three basic designs for studying attrition. *Journal of College Student Personnel, 21*, 257-263.
- Terenzini, P. T., & Pascarella, E. T. (1980). Student-faculty relationships and freshman year educational outcomes: A further investigation. *Journal of College Student Personnel, 21*, 521-528.

- Pascarella, E. T., & Terenzini, P. T. (1980). Predicting freshman persistence and voluntary dropout decisions from a theoretical model. *Journal of Higher Education*, 51, 60-75.
- Pascarella, E. T., & Terenzini P. T. (1980). Student-faculty and student-peer relationships as mediators of the structural effects of undergraduate residence arrangement. *Journal of Educational Research*, 73, 344-353.
- 1981** Terenzini, P. T., Lorang, W. G., & Pascarella, E. T. (1981). Predicting freshman persistence and voluntary dropout decisions: A replication. *Research in Higher Education*, 15, 109-127.
- Pascarella, E. T., & Terenzini, P. T. (1981). Residence arrangement, student-faculty relationships and freshman year educational outcomes. *Journal of College Student Personnel*, 22, 147-156.
- Theophilides, C., & Terenzini P. T. (1981). The relation between non-classroom contact with faculty and students' perceptions of instructional quality. *Research in Higher Education*, 15, 255-265.
- 1982** Terenzini, P. T., Pascarella, E. T., & Lorang, W. G. (1982). An assessment of the academic and social influences of freshman year educational outcomes. *Review of Higher Education*, 5, 86-109.
- Terenzini, P. T. (1982). Designing attrition studies. In E. T. Pascarella (Ed.), *Studying student attrition* (pp. 55-71). New Directions for Institutional Research, No. 36. San Francisco: Jossey-Bass.
- Pascarella, E. T., & Terenzini, P. T. (1982). Contextual analysis as a method for assessing residence group effects. *Journal of College Student Personnel*, 23, 108-114.
- 1983** Pascarella, E. T., & Terenzini, P. T. (1983). Predicting voluntary freshman year persistence/withdrawal behavior in a residential university: A path analytic validation of Tinto's model. *Journal of Educational Psychology*, 75, 215-266.
- Pascarella, E. T., Duby, P. B., Terenzini, P. T., & Iverson, B. K. (1983). Student-faculty relationships and freshman year intellectual and personal growth in a non-residential setting. *Journal of College Student Personnel*, 24, 395-402.

- 1984** Terenzini, P. T., & Pascarella, E. T. (1984). Freshman attrition and the residential context. *Review of Higher Education, 7*, 111-124.
- Terenzini, P. T., Theophilides, C., & Lorang, W. G. (1984). Influences on students' perceptions of their academic skill development during college. *Journal of Higher Education, 55*, 621-636.
- Terenzini, P. T., Theophilides, C., & Lorang, W. G. (1984). Influences on students' perceptions of their personal development during the first three years of college. *Research in Higher Education, 21*, 178-194.
- Theophilides, C., Terenzini, P. T., & Lorang, W. G. (1984). Freshman and sophomore experiences and changes in major field. *Review of Higher Education, 7*, 261-278.
- Theophilides, C., Terenzini, P. T., & Lorang, W. G. (1984). The relation between freshman experience and perceived importance of four major educational goals. *Research in Higher Education, 20*, 235-252.
- 1985** Terenzini, P. T., Pascarella, E. T., Theophilides, C., & Lorang, W.G. (1985). A replication of a path analytic validation of Tinto's theory of college student attrition. *Review of Higher Education, 8*, 319-340.
- Iverson, B., Pascarella, E. T., & Terenzini, P. T. (1985). Informal faculty-student contact and commuter college freshmen. *Research in Higher Education, 21*, 123-136.
- 1986** Pascarella, E. T., Terenzini, P. T., & Wolfle, L. (1986). Orientation to college and anticipatory socialization: Indirect effects on freshman year persistence. *Journal of Higher Education, 57*, 155-175.
- Volkwein, J. F., King, M. C., & Terenzini, P. T. (1986). Student-faculty relationships and intellectual growth among transfer students. *Journal of Higher Education, 57*, 413-430.
- 1987** Terenzini, P. T. (1987). The case for unobtrusive measures. In *Assessing the outcomes of higher education* (pp. 47-61). Proceedings of the 1986 ETS Invitational Conference. Princeton: Educational Testing Service.
- Terenzini, P. T., & Wright, T. M. (1987). Influences on students' academic growth during four years of college. *Research in Higher Education, 26*, 161-179. [1986 AIR Forum Best Paper Award]

- Terenzini, P. T. (1987). Studying student attrition and retention. In J. A. Muffo & G. W. McLaughlin (Eds.), *A primer on institutional research* (pp. 20-35). Tallahassee: Association for Institutional Research.
- Terenzini, P. T., & Wright, T. M. (1987). Students' personal growth during the first two years of college. *Review of Higher Education, 10*, 259-271.
- 1989** Terenzini, P. T. (1989). Assessment with open eyes: Pitfalls in studying student outcomes. *Journal of Higher Education, 60*, 644-664.
- 1991** Pascarella, E. T., & Terenzini, P. T. (1991). *How college affects students: Findings and insights from twenty years of research*. San Francisco: Jossey-Bass. [Cited by Fincher, Keller, Bogue, & Thelin (2001) as one of the "100 most important and influential books about U.S. colleges and universities in the 20th century."]
- Terenzini, P. T., & Pascarella, E. T. (1991). Twenty years of research on college students: Lessons for future research. *Research in Higher Education, 32*, 83-92. [1990 AIR Forum Best Paper Award]
- 1992** Pascarella, E. T., & Terenzini, P. T. (1992). College student learning and development. In M. C. Alkin (Ed.), *Encyclopedia of educational research* (6th ed., Vol. 1, pp. 178-184). New York: Macmillan.
- Pascarella, E. T., & Terenzini, P. T. (1992). Designing colleges for greater learning. *Planning for Higher Education, 20*, 1-6.
- 1993** Terenzini, P. T. (1993). Differentiating opinions and beliefs from findings and research-based conclusions. In S. H. Frost and R. D. Simpson (Eds.), *Inside college: Undergraduate education for the future* (pp. 20-21). New York: Plenum.
- Terenzini, P. T. (1993). On the nature of institutional research and the knowledge and skills it requires. *Research in Higher Education, 34*, 1-10.
- Terenzini, P. T. (1993). Assessment: What it is and what it isn't. *ADE Bulletin*, No. 104 (Spring), 14-17.
- Terenzini, P. T. (1993). Cross-national themes in the assessment of quality in higher education. In T. Banta (Ed.), *Proceedings of the fourth international conference on assessing quality in higher education*. Indianapolis, IN: Indiana University-Purdue University at Indianapolis, Division of Planning and Institutional Improvement.

- Terenzini, P. T. (1993, May-June). Cross-national themes in the assessment of quality in higher education. *Assessment Update*, 5, 1-2ff. [An edited version of the previous reference.]
- 1994** Terenzini, P. T., Rendon, L. I., Upcraft, M. L., Millar, S. B., Allison, K. W., Gregg, P. L., & Jalomo, R. (1994). The transition to college: Diverse students, diverse stories. *Research in Higher Education*, 35, 57-73.
- Terenzini, P. T., & Pascarella, E. T. (1994, January/February). Living with myths: Undergraduate education in America. *Change*, pp. 28-32.
- Pascarella, E. T., Terenzini, P. T., & Blimling, G. S. (1994). The impact of college residence halls on student development. In C. Schroeder & P. Mable (Eds.), *Realizing the educational potential of college residence halls* (pp. 22-52). San Francisco: Jossey-Bass. [Reprinted in *40th Anniversary Issue, 1959-1999*, Vol. 40, No. 5, 610-623.]
- Terenzini, P. T. (1994). Educating for citizenship: Freeing the mind and elevating the spirit. *Innovative Higher Education*, 19, 7-21.
- 1995** Terenzini, P. T. (1995). Good news and bad news: The implications of Strange's Propositions for Research. *Journal of College Student Development*, 35, 422-427.
- Terenzini, P. T. (1995). Myths about undergraduate education and their implications for student affairs. *Journal of the Pennsylvania College Personnel Association*, 6, 3-9.
- Terenzini, P. T., Springer, L., Pascarella, E. T., & Nora, A. (1995). Influences affecting the development of students' critical thinking skills. *Research in Higher Education*, 36, 23-39.
- Terenzini, P. T., Springer, L., Pascarella, E. T., & Nora, A. (1995). Academic and out-of-class influences on students' intellectual orientations. *Review of Higher Education*, 19, 23-44.
- Bohr, L., Pascarella, E. T., Nora, A., & Terenzini, P. T. (1995). Do black students learn more at historically black or predominantly white colleges? *Journal of College Student Development*, 36, 75-85.
- Pascarella, E. T., Bohr, L., Nora, A., & Terenzini, P. T. (1995). Cognitive effects of two-year and four-year colleges: Some new evidence. *Educational Evaluation and Policy Analysis*, 17, 83-96.

- Pascarella, E. T., Bohr, L., Nora, A., & Terenzini, P. T. (1995). Intercollegiate athletic participation and freshman year cognitive outcomes. *Journal of Higher Education*, 66, 369-387.
- Pascarella, E. T., Edison, M., Nora, A., Hagedorn, L., & Terenzini, P. T. (1995-96). Cognitive effects of community colleges and four-year colleges. *Community College Journal*, 66, 35-39.
- Pascarella, E. T., & Terenzini, P. T. (1995). The impact of college on students: Myths, rational myths, and some other things that may not be true. *NACADA Journal*, 15, 26-33.
- Springer, L., Terenzini, P. T., Pascarella, E. T., & Nora, A. (1995). Influences on college students' orientations toward learning for self-understanding. *Journal of College Student Development*, 36, 5-18.
- 1996** Pascarella, E. T., Bohr, L., Nora, A., & Terenzini, P. T. (1996). Is differential exposure to college linked to the development of critical thinking? *Research in Higher Education*, 37, 159-174.
- Pascarella, E. T., Edison, M., Hagedorn, L. S., Nora, A., & Terenzini, P. T. (1996). Influences on students' internal locus of attribution for academic success in the first year of college. *Research in Higher Education*, 37, 731-756.
- Pascarella, E. T., Edison, M., Nora, A., Hagedorn, L. S., & Terenzini, P. T. (1996). Additional evidence on the cognitive effects of college racial composition: A research note. *Journal of College Student Development*, 37, 494-501).
- Pascarella, E. T., Edison, M., Nora, A., Hagedorn, L. S., & Terenzini, P. T. (1996). Influences on students' openness to diversity and challenge in the first year of college. *Journal of Higher Education*, 67, 174-195.
- Pascarella, E. T., Edison, M., Whitt, E. J., Nora, A., Hagedorn, L., & Terenzini, P. T. (1996). Cognitive effects of Greek affiliation during the first year of college. *NASPA Journal*, 33, 242-259.
- Pascarella, E. T., Whitt, E. J., Nora, A., Edison, M., Hagedorn, L., & Terenzini, P. T. (1996). What have we learned from the first year of the National Study of Student Learning? *Journal of College Student Development*, 37, 182-192.
- Springer, L., Palmer, B., Terenzini, P. T., Pascarella, E. T., & Nora, A. (1996). Attitudes toward campus diversity: Participation in a racial or cultural awareness workshop. *Review of Higher Education*, 20, 53-68.

- Terenzini, P. T. (1996). Rediscovering roots: Public policy and higher education research. *Review of Higher Education*, 20, 5-13.
- Terenzini, P. T., Springer, L., Yaeger, P., Pascarella, E. T., & Nora, A. (1996). First-generation college students: Characteristics, experiences, and cognitive development. *Research in Higher Education*, 37, 1-22. [1995 AIR Forum Best Paper Award]
- Terenzini, P. T., Pascarella, E. T., & Blimling, G. S. (1996). Students' out-of-class experiences and their influence on learning and cognitive development: A literature review. *Journal of College Student Development*, 37, 149-162. [One of 17 articles selected to appear in the *Journal of College Student Development's* 40th Anniversary issue]
- Terenzini, P. T., & Upcraft, M. L. (1996). Using quantitative methods. In M. L. Upcraft & J. H. Schuh (Eds.), *Assessment in student affairs: A guide for practitioners* (pp. 84-109). San Francisco: Jossey-Bass.
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- Terenzini, P. T., Rendon, L. I., Millar, S. B., Upcraft, M. L., Gregg, P. L., Jalomo, R., & Allison, K. W. (1996). Making the transition to college. In R. J. Menges & M. Weimer (Eds.), *Teaching on solid ground: Using scholarship to improve practice* (pp. 43-73). San Francisco: Jossey-Bass.
- 1997** Pascarella, E. T., Whitt, E. J., Edison, M. I., Nora, A., Hagedorn, L. S., Yaeger, P. M., & Terenzini, P. T. (1997). The "chilly climate" for women and their cognitive outcomes during the first year of college. *Journal of College Student Development*, 38, 102-124.
- Terenzini, P. T. (1997). Can higher education research help planners? *Planning for Higher Education*, 25, 78-84. (Reprinted from *The Review of Higher Education*, 20, 5-13.
- Terenzini, P. T. (1997). *Student outcomes information for policy-making*. Final Report of the National Postsecondary Education Cooperative Working Group on Student Outcomes from a Policy Perspective (NCES 97-991). Washington, DC: U.S. Department of Education, National Center for Education Statistics.

- 1998** Pascarella, E. T., Edison, M., Nora, A., Hagedorn, L. S., & Terenzini, P. T. (1998). Does community college attendance influence students' educational plans? *Journal of College Student Development*, *39*, 179-193.
- Pascarella, E. T., Edison, M. I., Nora, A., Hagedorn, L. S., & Terenzini, P. T. (1998). Does work inhibit cognitive development during college? *Educational Evaluation and Policy Analysis*, *20*, 75-93.
- Pascarella, E. T., & Terenzini, P. T. (1998). Studying college students in the 21st century: Meeting new challenges. *Review of Higher Education*, *21*, 151-165.
- Terenzini, P. T., Cabrera, A. F., Parente, J. M., & Bjorklund, S. A. (1998). Preparing for ABET 2000: Assessment at the classroom level. *Proceedings of the 1998 Conference of the American Society for Engineering Education*. Washington, DC: American Society for Engineering Education.
- 1999** Cabrera, A. F., Nora, A., Terenzini, P. T., Pascarella, E. T., & Hagedorn, L. S. (1999). Campus racial climate and the adjustment of students to college: A comparison between white students and African-American students. *Journal of Higher Education*, *70*, 134-160.
- Pascarella, E. T., Truckenmiller, R., Nora, A., Terenzini, P. T., Edison, M., & Hagedorn, L. S. (1999). Cognitive impacts of intercollegiate athletic participation: Some further evidence. *Journal of Higher Education*, *70*, 1-26.
- Terenzini, P. T., Pascarella, E. T., & Blimling, G. S. (1999). Students' out-of-class learning experiences and their influence on learning and cognitive development. *Journal of College Student Development*, *40*, 599-623 (the 40th Anniversary Edition). [Reprinted from *Journal of College Student Development*, 1996, *37*, 149-162.]
- Terenzini, P. T. (1999, May-June). Form follows function. Right? *About Campus*, *4*(2), 2-3.
- Terenzini, P. T. (1999). Research and practice in undergraduate education: And never the twain shall meet? *Higher Education*, *38*, 33-48.
- Terenzini, P. T. (1999). Collaborative and active learning in engineering: Different strokes for different folks? In M. R. Anderson-Rowland, D. M. Hastings, & R. M. Dockter (Eds.), *NAMEPA celebrates 20 years of excellence, 1979: Engineering diversity for the 21st century* (pp. 9-18). Proceedings of the National Association of Minority Engineering Program Administrators, Atlanta, GA.

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- Whitt, E. J., Edison, M., Pascarella, E. T., Nora, A., & Terenzini, P. T. (1999). Interactions with peers and objective and self-reported cognitive outcomes across 3 years of college. *Journal of College Student Development*, 40, 61-78.
- Hagedorn, L. S., Pascarella, E. T., Edison, M., Braxton, J., Nora, A., & Terenzini, P. T. (1999). Does institutional context influence the development of critical thinking? A research note. *Review of Higher Education*, 22, 265-285.
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- 2000** Terenzini, P. T., Cabrera, A. F., & Colbeck, C. L. (2000). Assessing classroom activities and outcomes. In *Designing the Future of Science and Engineering Education*. Proceedings of the 1999 Frontiers in Education Conference. Washington, DC: IEEE Computer Society. (Selection for this publication based on a blind review.)
- Bucciarelli, L. L., Einstein, H., Terenzini, P. T., & Walser, A. (2000). ECSEL/MIT engineering education workshop '99: A report with recommendations. *Journal of Engineering Education*, 89, 141-150.
- Colbeck, C. L., Cabrera, A. F., & Terenzini, P. T. (2000). Teaching for professional competence and confidence: The link between instructional practices and learning gains for female and male students. In *Designing the Future of Science and Engineering Education*. Proceedings of the 1999 Frontiers in Education Conference. Washington, DC: IEEE Computer Society. (Selection for this publication based on a blind review.)
- Cabrera, A. F., Colbeck, C. L., & Terenzini, P. T. (2000). Desarrollo de indicadores de rendimiento para evaluar las practicas de ensnanza en al aula: El caso de ingenieria. En J. Vidal (Ed.), *Indicadores para la universidad: Informacio y decisiones*. Madrid, Spain: Ministerio de Educaión y Cultura.

- 2001** Terenzini, P. T., Cabrera, A. F., Colbeck, C. L., Parente, J. M., & Bjorklund, S. A. (2001). Collaborative learning vs. lecture/discussion: Students' reported learning gains. *Journal of Engineering Education, 90*, 123-130. [Recipient of the Wickenden Award of the American Society for Engineering Education]
- Terenzini, P. T., Cabrera, A. F., Colbeck, C. L., Bjorklund, S. A., & Parente, J. M. (2001). Racial and ethnic diversity in the classroom: Does it promote student learning? *Journal of Higher Education, 72*, 509-531.
- Terenzini, P. T., Cabrera, A. F., & Bernal, E. M. (2001). *Swimming against the tide: The poor in American higher education*. College Board Research Report No. 2001-3. New York: The College Board.
- Bernal, E. M., Cabrera, A. F., & Terenzini, P. T. (2000). The relationship between race and socioeconomic status (SES): Implications for institutional research and admissions policies. *Removing Vestiges*, No. 3 (pp. 6-13). Washington, DC: American Association of Community Colleges.
- Colbeck, C. L., Cabrera, A. F., & Terenzini, P. T. (2001). Learning professional confidence: Linking teaching practices, students' self-perceptions, and gender. *Review of Higher Education, 24*, 173-179.
- Cabrera, A. F., Colbeck, C. L., & Terenzini, P. T. (2001). Developing performance indicators for assessing classroom teaching practices and student learning. *Research in Higher Education, 42*, 327-352.
- Whitt, E. J., Edison, M. I., Pascarella, E. T., Terenzini, P. T., & Nora, A. (2001). Influences on students' openness to diversity and challenge in the second and third years of college. *Journal of Higher Education, 72*, 172-204.
- 2002** Cabrera, A. F., Crissman, J. L., Bernal, E. M., Nora, A., Terenzini, P. T., & Pascarella, E. T. (2002). Collaborative learning: Its impact on college students' development and diversity. *Journal of College Student Development, 43*, 20-31.
- 2003** Pascarella, E. T., Wolniak, G. C., Pierson, C. T., & Terenzini, P. T. (2003). Experiences and outcomes of first-generation student in community colleges. *Journal of College Student Development, 44*, 420-429.

- Terenzini, P. T., Cabrera, A. F., Colbeck, C. L., Bjorklund, S. A., & Parente, J. M. (2003). Racial and ethnic diversity in the classroom: Does it promote student learning? In C. S. Turner, A. L. Antonio, M. Garcia, B. V. Laden, A. Nora, & C. H. Presley (Eds.). *Racial and ethnic diversity in higher education* (pp. 411-427). Boston: Pearson Education. [Reprinted from *Journal of Higher Education*, 2001,72, 509-531.]
- Bernal, E. M., Cabrera, A. F., & Terenzini, P. T. (2002). The relationship between race and socioeconomic status (SES): Implications for institutional research and admissions policies. In C. S. Turner, A. I. Antonio, M. Garcia, B. V. Laden, A. Nora, & C. H. Presley (Eds.). *Racial and ethnic diversity in higher education* (pp. 603-611). Boston: Pearson Education. [Reprinted from *Removing Vestiges*, No. 3 (pp. 6-13). Washington, DC: American Association of Community Colleges.]
- 2004** Pascarella, E. T., Pierson, C. T., Wolniak, G. C., & Terenzini, P. T. (2004). First-generation college students: Additional evidence on college experiences and outcomes. *Journal of Higher Education*, 75, 249-284.
- Volkwein, J. F., Lattuca, L. R., Terenzini, P. T., Strauss, L. C., & Sukhbaatar, J. (2004). Engineering change: A study of the impact of EC2000. *International Journal of Engineering Education*, 20, 318-329.
- 2005** Pascarella, E. T., & Terenzini, P. T. (2005). *How college affects student (Vol. 2): A third decade of research*. San Francisco: Jossey-Bass.
- Strauss, L. C., & Terenzini, P. T. (2005). Assessing student performance on EC2000 Criterion 3.a-k. *Proceedings of the 2005 American Society for Engineering Education Annual Conference and Exposition*. Washington, DC: American Society for Engineering Education.
- 2006** Cabrera, A. F., Deil-Amen, R., Prabhu, R., Terenzini, P. T., Lee, C., Franklin, R. E. (2006). Increasing the college preparedness of at-risk students. *Journal of Latinos and Education*, 5, 79-97.
- Reason, R. D., Terenzini, P. T., & Domingo, R. J. (2006). First things first: Developing academic competence in the first year of college. *Research in Higher Education*, 47(2), 149-175.
- Lattuca, L. R., Terenzini, P. T., & Volkwein, J. F. (2006). The changing face of engineering education. *The Bridge*, 36(2), 5-13.
- Lattuca, L. R., Terenzini, P. T., & Volkwein, J. F. (2006). *Engineering change: A study of the impact of EC2000, Final report*. Baltimore, MD: ABET, Inc.

- 2007** Lambert, A. D., Terenzini, P. T., & Lattuca, L. R. (2007). More than meets the eye: Curricular and programmatic effects on student learning. *Research in Higher Education, 48*(2), 141-168.
- Reason, R. D., Terenzini, P. T., & Domingo, R. J. (2007). Developing social and personal competence in the first year of college. *The Review of Higher Education, 30*(3), 271-299.
- Strauss, L. C., & Terenzini, P. T. (2007). The effects of students' in- and out-of-class experiences on their analytical and group skills: A study of engineering education. *Research in Higher Education, 48*(8), 967-992.
- Terenzini, P. T. (2007). From myopia to systemic thinking. *Academic Advising Today, 30*(2), 1-3.
- Terenzini, P. T., & Reason, R. D. (2007). Bad rap or regrettable truth? Engagement and student learning in research. In Geiger, R. L., Colbeck, C. L., Williams, R. L., & Anderson, C. K. (Eds.), *Future of the American public research university* (pp. 165-185). Rotterdam, The Netherlands: SensePublishers.
- 2010** Lattuca, L. R., Terenzini, P. T., Harper, B. J., & Yin, A. (2010). Academic environments in detail: Holland's theory at the sub-discipline level. *Research in Higher Education, 51*(1), 21-39.
- Reason, R. D., Cox, B. E., Lutovsky Quaye, B. R., & Terenzini, P. T. (2010). Faculty and institutional factors that promote student encounters with difference in first-year courses. *Review of Higher Education, 51*, 391-414.
- Cox, B. E., McIntosh, K. L., Terenzini, P. T., Reason, R. D., & Lutovsky-Quaye, B. R. (2010). Pedagogical signals of faculty approachability: Factors shaping faculty-student interaction outside the classroom. *Research in Higher Education, 51*, 767-788.
- Cox, B. E., McIntosh, K. L., Reason, R. D., & Terenzini, P. T. (2011). A culture of teaching: Policy, perception, and practice in higher education. *Research in Higher Education*, in press.

Invited Presentations

- "The Assessment of Student Outcomes." Address to the Commission on Research and Development, New York State Association of Two-Year Colleges. Albany, NY. April 16, 1983.
- "What Do We Know about College Student Attrition and Retention?" Address to the conference on "Attrition and Retention: Serious Study of a Serious Problem." University of Kentucky, Lexington, KY. September 19, 1985.
- "Using Available Data for Program Evaluation and Student Assessment." Address to the National Institute of Education and Association for Higher Education National Conference on Assessment in Higher Education. Columbia, SC. October 14, 1985.
- "Alumni Surveys: A Practitioner's Perspective." Presentation to the Council on University Affairs and Development, State University of New York. Utica, NY. November 11, 1985.
- "Enrollment Management and Student Retention." Address to the National Association of Student Personnel Administrators, Region II conference on "The Challenge of Excellence in Holistic Education." Kiamesha Lake, NY. June 9, 1986.
- "Retention Research: Academic and Social Fit." Address to the College Board and University of Southern Mississippi conference on "Enrollment Planning: A Total Institutional Approach." New Orleans, LA. June 26, 1986.
- "The Methodology of Assessment: The Case for Unobtrusive Measures." Address to the Educational Testing Service's Invitational Conference on "Assessing the Outcomes of Higher Education." New York, NY. October 25, 1986.
- "An Overview of College Retention Issues." Address to the Georgia Association of Colleges. Athens, GA. October 2, 1986.
- "Retention Issues and Institutional Research." Presentation to the meeting of the Regents' Administrative Committee on Institutional Research and Planning. Chatsworth, GA. October 29, 1986.
- "What Research Tells Us About Student Retention." Keynote address to the Fourth Annual Conference on Research in Postsecondary Education. University of Georgia, Institute of Higher Education, Athens, GA. December 1, 1986.
- "What We Know--and Don't Know--About Student Retention." Address to the annual meeting of the Georgia Association of Collegiate Registrars and Admissions Officers. Jekyll Island, GA. July 27, 1987.

- "Assessment with Open Eyes: Problems and Risks in Studying Student Outcomes." Keynote address to the annual meeting of the Illinois Association for Institutional Research. Champaign-Urbana, IL. November 5, 1987.
- "Does College Make a Difference? Twenty Years of Research." Presentation to the American Association for Higher Education's Fourth National Conference on Assessment in Higher Education. Atlanta, GA. June, 1989.
- "Does College Make a Difference? Two Decades of Research." Keynote address (with E. T. Pascarella) to the annual meeting of the National Association of Student Personnel Administrators (NASPA). Washington, DC. April 3, 1991.
- "International Commonalities in the Assessment of Quality in Higher Education." Invited address to the Fourth International Conference on Assessing Quality in Higher Education. The University of Twente, Enschede, The Netherlands, July 30, 1992.
- "On the Road to Community in Higher Education: Myths and Realities about College's Effects on Students." Keynote address to the joint session of the Council on Academic Affairs, Council on Student Affairs, and the Commission on Human Resources and Social Change at the annual meeting of the National Association of State Universities and Land-Grant Colleges. New Orleans, LA, November 9, 1992.
- "Increasing Student Persistence: What Do We Know and Where Do We Go from Here?" Keynote address to conference on "Student Success: A Search for Winning Strategies," sponsored by the Alabama Commission on Higher Education. Montgomery, AL, November, 16, 1992.
- "*What Matters in College?* Astin's Work and Its Implications in the Context of the Literature." Address to invitational symposium on "What Matters in College: Engagement and Learning," sponsored by the Association of American Colleges. Seattle, WA, January 13, 1993.
- "Living with Myths: Undergraduate Education in America." Keynote address to the annual meeting of the College Student Personnel Association of New York, Silver Bay, NY, October 4, 1993.
- "Educating for Citizenship: Freeing the Mind and Elevating the Spirit." Keynote address to the annual meeting of the Association for General and Liberal Studies, Memphis, TN, October 15, 1993.
- "Rethinking Retention: Easing the Transition to College." Invited presentation to the National Conference on Strategic Enrollment Management, sponsored by the American Association of Collegiate Registrars and Admissions Officers, St. Louis, MO, November 16, 1993.

- "Changing Values in College Students." Address to a plenary session of the Institute of Higher Education, sponsored by the General Board of Higher Education of the Ministry of the United Methodist Church, Nashville, TN, June 16, 1994.
- "Institutional Research as an Evolving Enterprise." Keynote address to the annual meeting of the Pacific Northwest Association for Institutional Research and Planning, Portland, OR, October 20, 1994.
- "How Colleges and Universities Shape Student Values." Keynote address to the Fifth Annual Institute on College Student Values, Florida State University, Tallahassee, FL, February 3, 1995.
- "Myths About Undergraduate Education and Their Implications for Student Affairs." Keynote address to the Pennsylvania College Personnel Association Conference, Lancaster, PA, April 24, 1995.
- "What Matters in Student Learning?" Invited presentation to the Washington Higher Education Secretariat. Washington, DC, October, 1995.
- "Student Learning: What Works?" Invited address to the faculty, staff, and students of Iowa State University, Ames, IA, November 13, 1995.
- "The Promise of Community: Meeting the Challenge." Keynote address to the annual conference of the National Association of Student Personnel Administrators, Region IV-E, Indianapolis, IN, February 5, 1996.
- "The Unacknowledged Classroom: Blurring the Boundaries Between Academic and Student Affairs." Keynote address to the annual meeting of the Vice Presidents for Academic Affairs and Vice Presidents for Student Affairs of the University of Georgia System, St. Simon's Island, GA, August 5, 1996.
- "Student Learning and Financial Decision-Making." Invited address to the State Higher Education Finance Officers Professional Development Seminar, sponsored by the State Higher Education Executive Officers, Annapolis, MD, August 17, 1996.
- "Changing Values in College Students." Keynote address to the National Assessment Conference of the Coalition of Christian Colleges and Universities, Springfield, OH, November 18, 1996.
- "Assessing Student Learning Outcomes." Invited presentation to the Spring Workshop of the Third Black Colleges Program, sponsored by the Southern Education Foundation, Atlanta, GA, March 3, 1997.

- "Are We Really Serious About Student Learning?" The 1998 Chester E. Peters Lecture, Kansas State University, Manhattan, KS, April 9, 1998.
- "Some Misperceptions About Students and How They Learn." Invited testimony to Committee on Education, Subcommittee on Higher Education, House of Representatives, Commonwealth of Pennsylvania, Harrisburg, PA, August 25, 1998.
- "Recent Research on Student Retention: What Does It Tell Us? Where Does It Point?" Keynote address to the 12th Annual Noel-Levitz National Conference on Student Retention, New Orleans, LA, July 11, 1998.
- "Research and practice in undergraduate education: And never the twain shall meet?" Invited plenary session address to the meeting of the Coalition of Higher Education Researchers, Kassel, Germany, September, 1998.
- "Trends and Implications for Higher Education." Invited presentation at the retreat of the Washington Higher Education Secretariat, Baltimore, MD, October 30, 1998.
- "Changing Functions, Changing Forms: Student Affairs in the Next Decade." Keynote address to the 25th anniversary Maryland Student Affairs Conference, College Park, MD, February 12, 1999.
- "Meeting the Challenge of Student Retention." Featured presenter for teleconference produced by the National Resource Center for the First-Year Experience and Students in Transition, University of South Carolina, Columbia, SC, March 18, 1999. [Teleconference downlinked to approximately 200 sites and an estimated 6,000 people]
- "Janus, Railroads, and Student Affairs in the Next Decades." Keynote address to the meeting of the Pennsylvania College Personnel Association, Seven Spring Mountain Resort, Champion, PA, October 11, 1999.
- "The Impact of College on Students." Invited address to the seminar on "Covering Teaching and Learning in Higher Education," sponsored by the Hechinger Institute on Education and the Media, Teachers College, Columbia University, New York, NY, October 25, 1999.
- "Thinking Outside the Box: Taking Retention Efforts to the Next Level." Keynote address to the 3rd Annual Lilly Endowment Retention Forum, Indianapolis, IN, December 3, 1999.
- "Community College Students: A New Agenda for Research." Keynote address to the Research and Planning Group for California Community Colleges, Pacific Grove, CA, April 27, 2000.
- "Swimming Against the Tide: The Poor in American Higher Education." Invited plenary address to the Annual meeting of the Student Financial Aid Research Network Conference, June 8, 2000, St. Louis, MO.

"Recent Research on Student Learning." Invited presentation to the National Advisory Panel of the Council for the Advancement of Private Higher Education, November 14, 2000, Washington, DC.

"Swimming Against the Tide: The Poor in American Higher Education." Invited presentation to the College Scholarship Service Council of the College Board, May 15, 2001, New York, NY.

"Closing the Gaps: Learning and Teaching in the 21st Century." Keynote address to the 17th Recruitment and Retention Conference: "Closing the Gaps." Texas Higher Education Coordinating Board, June 20, 2001, Austin, TX.

"Recent Research on Teaching and Learning: Implications for Public Policy." Invited presentation to staff members of the New Zealand Ministry of Education, Ministry of the Treasury, and the Tertiary Education Advisory Commission, November 20, 2003, Wellington, NZ.

"What Do College Students Learn, and How Do They Learn It: Research From the 1990s in the U.S." Invited lecture to the Higher Education Forum, jointly hosted by Victoria University and Massey University, in association with the New Zealand Ministry of Education, November 20, 2003, Wellington, NZ.

"The Third Generation: New Evidence on How Students Learn." Inaugural Vice-Chancellor's Lecture on Teaching and Learning. University of Melbourne, December 9, 2003, Melbourne, Australia.

"Research on College Students in the U.S.: Implications for Practice and Policy." Invited seminar for the faculty and staff of the University of Melbourne, December 10, 2003, Melbourne, Australia.

"Shaping the Future: Aspirations, Assessment, Action." Featured panelist in a national teleconference sponsored by the Policy Center on the First year of College and the National Resource Center for the First-Year of College and Students in Transition, University of South Carolina, Columbia, SC. [Teleconference downlinked to more than 400 campuses with and audience estimated at more than 12,000]

"Shaping Students' Lives: A Third Decade of Research on How College Affects Students." Closing plenary session address (with E. T. Pascarella) to the annual meeting of the American College Personnel Association, April 2005, Nashville, TN.

- “The Road Ahead: Connecting Research, Policy, and Practice.” Closing plenary session address to the Annual Conference of the National Council for Community and Education Partnerships, July 19, 2005, San Francisco, CA.
- “Promoting College Student Success.” Plenary closing session address (with E. T. Pascarella) to the annual Noel-Levitz National Conference on Student Recruitment, Marketing, and Retention, July 29, 2005, Washington, DC.
- “What Is Learned at University? The U.S. Experience.” Presentation to a symposium on “What Is Learned at University? The Social and Organizational Mediation of University Learning,” sponsored by the Open University’s Centre for Higher Education and Information, September 22, 2005, Clare College Cambridge.
- “Crossing Borders: Going Places We've Never Been. Keynote address to the joint meeting of the Canadian Institutional Research and Planning Association and the Rocky Mountain Association for Institutional Research, October 24, 2005, Edmonton, Alberta, Canada.
- “Findings from *Engineering Change: A Study of the Impact of EC2000*.” Keynote address (with L. R. Lattuca and J. F. Volkwein) to the annual meeting of the Accrediting Board for Engineering and Technology (ABET), October 27, 2005, San Diego, CA.
- "Forests and trees: Rethinking what influences student learning." Invited presentation to web seminar sponsored by the EDUCAUSE Learning Initiative, January 17, 2006.
- "Forests and trees: Rethinking what influences student learning." Invited presentation (via telephone) to the meeting of Canadian college and university academic vice presidents, sponsored by the Conference Board of Canada’s Quality Network for Universities meeting in Toronto, February 23, 2006.
- "Wired – And Then Some." Keynote address to the University System of Georgia Regents Advisory Councils on Academic Affairs and on Student Affairs. Young Harris, GA, July 18, 2006.
- "Myopia and Myths in Thinking About How College Students Learn." Calvert Ellis Memorial Lecture. Juniata College (PA), November 20, 2006.
- "Rethinking What We Know About the Effects of College on Students." Invited address in the Syracuse University School of Education Centennial Celebration Lecture Series, Syracuse, NY, March 22, 2007.
- "How College Affects Students: A Retrospective and Future Considerations" (with Ernest T. Pascarella). Invited address to Division-J, Postsecondary Education, at the meeting of the American Educational Research Association, Chicago, IL, April 11, 2007.

"Forests and Trees: Rethinking What Influences Student Learning." Invited symposium presentation to The Conference Board of Canada's Quality Network for Universities, Toronto, Canada, June 8, 2007.

"Missing the Forest for the Trees: Rethinking What Influences Student Learning." Keynote address to the 20th International Conference on the First-Year Experience, Hawaii's Big Island, Hawaii, July 9, 2007.

"From Myopic to Systemic Thinking." Keynote address to the National Academic Advising Association's 31st Annual Conference on Academic Advising, Baltimore, MD, October 18, 2007.

"Access Reconsidered: It Ain't Over 'til It's Over." Keynote address to the Governor's Conference on Higher Education: Pathways to College Success. State College, PA, March 18, 2009.

"New World, No Map: Helping First-Generation Students Find Pathways to Success." Keynote address to the Council of Independent Colleges' Wal-Mart College Success Awards Conference. Washington, DC, July 20, 2009.

"Graduates as a Reflection of their Institution's Quality." Keynote address to the XIV Seminario Internacional, on "Calidad de los Egresados, Responsabilidad Institucional Ineludible." Santiago, Chile, October 21, 2009.

"Rethinking How College Affects Students." Address to the Carnegie Mellon – Qatar faculty and staff and their colleagues in Education City. Doha, Qatar, October 10, 2010.

"Past and Prologue: Thoughts on 30 Years of the Annual Conference on the First-Year Experience." Keynote address to the 30th Anniversary Annual Conference on the First-Year Experience, Atlanta, GA, February 4, 2011.

Professional Conference Papers and Presentations

Over 250 papers and presentations to national and international scholarly and professional conferences, primarily those of the American Association for Higher Education, American Educational Research Association, Association for Institutional Research, and the Association for the Study of Higher Education.

Graduate Courses Taught at Penn State

Research on College Students
 Research Design and Methods
 Assessment in Higher Education

Institutional Research and Planning
 Curricula in Higher Education

Extramural Funding Received

Student Outcomes Assessment Project. \$25,000 from the Exxon Foundation (through the National Center for Higher Education Management Systems), 1980-83. Principal Investigator.

National Center for Postsecondary Teaching, Learning, and Assessment. \$5.9 million from the U.S. Department of Education, Office of Educational Research and Improvement, 1991-95. Co-Principal Investigator.

Evaluation of the Engineering Coalition of Schools for Excellence in Education and Leadership (ECSEL) [a coalition of seven university engineering colleges to develop innovative instructional methods in undergraduate engineering and to increase the gender and racial/ethnic diversity of their student bodies]. \$850,000 from the National Science Foundation, 1996-2000. Director and Principal Investigator.

Low-Income College Students: Their Characteristics, Experiences, and Performance. \$50,000 from the College Board, 1998-1999. Director and Co-Principal Investigator.

Evaluation of the Pennsylvania State University World Campus. \$240,000 from the Alfred P. Sloan Foundation, 1998-2001. Principal Investigator (except sabbatical semester in Spring, 2000).

The Dream Deferred: Increasing the College Preparedness of At-Risk Students. \$690,100 from the U.S. Office of Education, Office of Educational Research and Improvement, 2001-2004. Director and Co-Principal Investigator.

Engineering Change: A Plan for the Evaluation of EC 2000. \$1.9 million from the Accrediting Board for Engineering and Technology (ABET), 2002-2005. Co-Principal Investigator.

Foundations of Excellence in the First College Year. \$341,000 from the Lumina Foundation for Education and The Atlantic Philanthropic Services (via subcontract with the Policy Center on the First Year of College), January, 2003 through June, 2005. Director and Co-Principal Investigator.

Parsing Student Success in the First Year of College. \$453,719 from The Spencer Foundation, January, 2006 through December, 2008. Director and Co-Principal Investigator.

Prototype to Production: Processes and Conditions for Preparing the Engineer of 2020. \$999,854 from the National Science Foundation, February 1, 2006 to January 31, 2009. Co-Director and Co-Principal Investigator.

Prototyping the Engineer of 2020: A 360-degree Study of Effective Education. \$1,999,833 from the National Science Foundation, September 1, 2006 to August 31, 2010. Co-Director and Co-Principal Investigator.

Consulting

American Association of Colleges and Universities
 American Council on Education
 Appalachian College Association
 Associated Institutes for Research
 Australian Graduate Degrees Council
 British Open University
 Bucknell University
 Carnegie Mellon University - Qatar
 Centre for Higher Education Research and Information, The Open University (UK)
 Eckerd College
 Educational Policy Institute
 Educational Testing Service
 Gallaudet College Board of Trustees
 George Washington University (College of Engineering)
 Indiana University
 Iowa State University
 Kansas State University
 McGill University
 National Center for Education Statistics
 National Center for Higher Education Management Systems (NCHEMS)
 National Center for Research to Improve Postsecondary Teaching and Learning
 National Institute of Independent Colleges and Universities
 National Postsecondary Education Cooperative
 National Science Foundation
 Nebraska Coordinating Commission on Higher Education
 New Hampshire College and University Consortium
 Southern Association of Colleges and Schools, Commission on Colleges
 Southern Association of Colleges and Schools, College Consulting Network
 State University of New York at Albany
 Social Sciences and Humanities Research Council of Canada
 Temple University
 University of Georgia
 University of Tennessee-Knoxville
 University of Wyoming
 Wabash College
 The World Bank

National Advisory Boards/Committees (since 1990)

- American Association for Higher Education, the American College Personnel Association, and the National Association of Student Personnel Administrators, Joint Task Force on Student Learning, 1997-99.
- American Council on Education, National Advisory Board on the Cooperative Institutional Research Program, 1995-98.
- American Council on Education, Center for Policy Analysis, National Advisory Board, 2007-2010.
- Association of American Colleges and Universities, National Advisory Board, Project on Core Commitments: Educating Student for Personal and Social Responsibility, 2007-2010.
- Consortium for the Advancement of Private Higher Education (CAPHE), National Advisory Panel, 1998-2003.
- National Center for Education Statistics, National Science Foundation, and Association for Institutional Research, Grants Program Peer Review Panel, 1998-2002.
- National Council for Community and Education Partnerships and GEAR UP Evaluation Council, 2006-2008.
- National Educational Goals Panel, Technical Planning Subgroup on Goal 5 (Adult Literacy and Lifelong Learning), 1991-92.
- National Resource Center for The First-Year Experience and Students in Transition, 2006-2010
- National Study of Student Engagement, Technical Advisory Committee, 1999-2004
- National Science Foundation, National Aeronautics and Space Administration, and the American Institutes for Research Benchmarking External Consensus Panel, Short-Term Impact Study of Model Institutions of Excellence Program, 2004-05.
- National Study of Student Engagement, National Advisory Board, 2005 to 2011.
- National Technical Review Panel, Pew Project on College-Level Learning (for *Measuring Up 2002*), 2001-02.
- Policy Center on the First Year of College, National Advisory Board, 1999-date.

Editorial Activities

- Editor-in-Chief, *New Directions for Institutional Research*, 1984-1995.
- Associate Editor, *New Directions for Institutional Research*, 1983-1984.
- Associate Editor, *Higher Education: Handbook of Theory and Research*, 1983-1998.
- Advisory Board, *Journal of Engineering Education*, 2008 to date.
- Editorial Board, *Research in Higher Education*, 1978 to date.
- Editorial Board, *Review of Higher Education*, 1978 to 1987.
- Editorial Board, *About Campus* (ACPA magazine), 1995-2000.

Occasional reviewer for *Review of Educational Research*, *Journal of Higher Education*, *Sociology of Education*, *American Educational Research Journal*, *Review of Higher Education*, *Journal of General Education*.

Professional Memberships and Activities

American Association for Higher Education (Member, 1990 to date)

American College Personnel Association (Member, 1993 to date)
Senior Scholar, 1994-1999 (Elected to Diplomate Status, 1999)

American Educational Research Association (Member, 1975 to date)
Vice Chair, Program Committee (Division J), 1983 Conference
Conference Paper Proposal Reviewer (Division J), 1982 to date
Publications Committee (Division J), 1992

Association for Institutional Research (Member, 1975 to date)
Forum Evaluation Committee, 1977
Nominating Committee, 1980-81
Contributed Papers Committee, 1982, 1988 Forums
Chair, Forum Symposium Committee, 1983
Publications Board, 1982 to 1994
Institute Task Force on Theory, Functions, and Practice of Institutional Research, 1992-93
Chair, Search Committee for Editor of *Research in Higher Education* (2009-10)

Association for the Study of Higher Education (Member, 1975 to date)
Publications Committee, 1980-82, 1987-91
Conference Proposal Reviewer, 1979, 1984 to date
Conference Program Committee, 1987, 1990
Symposia Proposal Review Committee, 1987
Co-chair, Conference Research Papers Committee, 1990
Nominations Committee, 1990
Budget Committee, 1991-92
Board of Directors, 1991-1996
Vice President/President-Elect, 1993-1994
President, 1994-95
Past President, 1995-96
Chair, Nominating Committee, 1995-96
Review of Higher Education Editor Selection Committee, 1995-1996
Executive Director Selection Committee, 1996-1997
Executive Secretary Selection Committee, 1996
Founder and Coordinator, Public Policy Research Group, 1997-date
Advisory Board, ASHE Reader on College Student Affairs Administration
Program Coordinator, Forum on Public Policy in Higher Education, 2000-2003
Chair, Nominations Committee, Council on Public Policy in Higher Education, 2003

Chair, Elections Committee, Council on Public Policy in Higher Education, 2003
Member, Nominations Committee, 2010.

National Association of Student Personnel Administrators (NASPA) (Member, 1995 to date)

Northeast Association for Institutional Research (Member, 1975-86)

Chairman, Conference Evaluation Committee, 1976

Paper Review Committee, 1976, 1977

Steering Committee, 1978-1980

Chairman, Conference Proceedings Editorial Board, 1979

Chairman, Conference Program Committee, 1980

President, 1981

Past President, 1982

Chair, Nominating Committee, 1982

Board of Trustees, Dean College (1995-date)

Executive Committee, 1999-2002

Educational Affairs Committee (Chair 1999-2002; member 1999-date)

Chair, Strategic Planning Advisory Committee (1999-01; member 1999-date)

Outside Interests

Civil War history, classical music, travel, and the Boston Red Sox