

VITA

LOUIS G. TORNATZKY

EDUCATION

Ph.D.	Psychology	1969	Stanford
Phi Beta Kappa		1965	
B.A.	Psychology	1964 (Cum Laude)	Ohio State

POSITIONS

Co-Director, University Innovation & Entrepreneurship Center	Cal Poly State University	2006-2013
Professor, Industrial Technology	Cal Poly State University	2006-2013
Area Chair, Industrial Technology	Cal Poly State University	2006-2011
VP for Planning/Academic Liaison	Select University Technologies	2003-2006
Senior Scholar/VP Research	Tomas Rivera Policy Institute	2001-2003
Senior Principal Associate	Battelle Memorial Institute	1999-2003
Senior Fellow, Southern Technology Council	Southern Growth Policies Board	1998-2000
Director, Southern Technology Council	Southern Growth Policies Board	1993-1998
Adjunct Professor	North Carolina State University	1993-1998
Center Director, Senior Fellow	Industrial Technology Institute, Ann Arbor	1984-1993
Adjunct Professor, Engineering	University of Michigan	1991-1992
Section Head, Innovation Processes Research	National Science Foundation	1979-1984
Professor, Departments of Urban and Metropolitan Studies and Psychology	Michigan State University	1978-1979
Associate Professor	Michigan State University	1973-1978
Assistant Professor	Michigan State University	1971-1973
Research Associate, Center for Urban Affairs, and Psychology	Michigan State University	1969-1971

Clinical Intern	Palo Alto VA	1967-1968
Social Worker	Los Angeles County	1964-1965
Ground Radar Tech (Corporal, E4)	United States Marine Corps	1958-1961

BOOKS, LONGER MONOGRAPHS AND REPORTS

Tornatzky, L.G. and Rideout, E. *Innovation U 2.0: Reinventing University Roles in a Knowledge Economy*. Research Triangle Park, NC: Southern Growth Policies Board, 2014.

Gray, D., Tornatzky, L. and McGowan, L. *Managing the Path to Self-Sufficiency: Case Studies in Fidelity and Reinvention of Industry/University Cooperative Research Centers*. For: Industry-University Cooperative Research Center Program, National Science Foundation, Arlington, VA, 2013.

Tornatzky, L., Williams, J.T., Koppel J., Goldstein, H., and Feser, E. *Building Louisiana's Innovation Economy. A Plan to Foster University Technology Development and Commercialization*. Carrboro, NC: Regional Technology Strategies, Inc., November, 2007. Prepared for the Louisiana Board of Regents and the Louisiana Recovery Authority.

Waugaman, P.G. and Tornatzky, L. *Enhancing Technology Transfer and Technology Commercialization at Oklahoma State University*. Durham, NC: Technology Commercialization Group, LLC, 2007.

Tornatzky, LG., Macias, Elsa E., Jenkins, D., and Solis, C. *Access and Achievement: Building Educational And Career Pathways for Latinos in Advanced Technology*. Los Angeles, CA: Tomás Rivera Policy Institute, 2006.

Tornatzky, L. G. and Barreto, M. *Economic Development and the Knowledge Economy in California's Inland Empire*. Los Angeles, CA: Tomás Rivera Policy Institute, 2004.

Lee, J. L, Tornatzky, L.G. and Torres, C. *El Sueno de su Casa: The Homeownership Potential of Mexican-American Families*. Los Angeles, CA: Tomás Rivera Policy Institute, 2004.

Tornatzky, L.G., Sherman, H., and Adkins, D. *Incubating Technology Business. A National Benchmarking Study*. Athens, OH: The National Business Incubation Association, 2003.

- Tornatzky, L.G., Waugaman, P.G. and Gray, D. *Innovation U: New University Roles in a Knowledge Economy*. Research Triangle Park, NC: Southern Growth Policies Board, 2002.
- Tornatzky, L.G., Cutler, R., and Lee, J. *College Knowledge: What Latino Parents Need to Know and Why They Don't Know It*. Claremont, CA: Tomás Rivera Policy Institute, 2002.
- Tornatzky, L.G., Macias, E. E. and Jones, S. *Latinos and Information Technology: The Promise and the Challenge*. Claremont, CA: Tomás Rivera Policy Institute, 2002.
- Tornatzky, L.G., Gray, D., Tarant, S.A., and Zimmer, C. *Who Will Stay and Who Will Leave?: Individual, Institutional and State-Level Predictors of State Retention of Recent Science and Engineering Graduates*. Research Triangle Park, NC: Southern Growth Policies Board, 2001.
- Tornatzky, L. G., Judd, J., Wilek, D., and Waugaman, P.G. *Leistungsbegutachtungssysteme an staatlichen US-Universitäten – Survey of faculty performance review practices*. Bonn, Germany: Bundesministerium für Bildung und Forschung, 2001.
- Tornatzky, L.G. *University-Linked Technology Innovation and Commercialization*. Washington, D.C.: National Governors' Association, Center for Best Practices, 2000.
- Tornatzky, L.G., Waugaman, P.G., and Gray, D.O. *Industry-University Technology Transfer: Models of Alternative Practice, Policy, and Program*. Research Triangle Park, NC: Southern Growth Policies Board, 1999.
- Tornatzky, L.G., Gray, D., Tarant, S. A., and Howe, J.E. *Where Have All the Students Gone? Interstate Migration of Recent Science and Engineering Graduates*. Research Triangle Park, NC: Southern Growth Policies Board, 1998.
- Tornatzky, L.G. and Bauman, J. S. *Outlaws or Heroes? Issues of Faculty Rewards, Organizational Culture and University-Industry Technology Transfer*. Research Triangle Park, NC: Southern Growth Policies Board, 1997.
- Tornatzky, L.G., Waugaman, P.G. and Bauman, J.S. *Benchmarking University-Industry Technology Transfer in the South. 1995-1996 Data*. Research Triangle Park, Southern Technology Council, 1997.
- Casson, L., Bauman, J., Fisher, E.R., Sumpter, J. and Tornatzky, L.G. *Making Technology Happen: Best Practices and Policies from Exemplary K-12 Schools*. Research Triangle Park, Southern Technology Council, 1997.

- Tornatzky, L.G., Batts, Y., McCrea, N. E., Lewis, M.S. and Quittman, L. *The Art and Craft of Technology Business Incubation*. Research Triangle Park, North Carolina: Southern Growth Policies Board, 1996.
- Tornatzky, L.G., Waugaman, P.G., Crowell, S., Spahr, C., and Wong, F. *Benchmarking Best Practices for University-Industry Technology Transfer: Working With Start-up Companies*. Research Triangle Park, NC: Southern Growth Policies Board, 1995.
- Tornatzky L.G., Waugaman P.G. and Casson L. *Benchmarking University-Industry Technology Transfer in the South: 1993-1994 Data*. Research Triangle Park, NC: Southern Growth Policies Board, 1995.
- Waugaman P.G., Tornatzky L.G., and Vickery B.S. *Best Practices for University-Industry Technology Transfer: Working With External Patent Counsel*. Research Triangle Park, NC: Southern Growth Policies Board, 1994.
- Tornatzky, L.G. and Fleischer, M. *The Processes of Technological Innovation*. Lexington, MA: Lexington Books, 1990.
- Walton, A., Eveland, J.D. and Tornatzky, L.G. *The Management of Academic Research*. Productivity Improvement Research Section. Division of Industrial Science and Technological Innovation. Washington, D.C.: National Science Foundation, 1985.
- Johnson, E.C. and Tornatzky, L.G. *Cooperative Science: A National Study of University and Industry Researchers. Volume I: Assessment of the Industry/University Cooperative Research Projects Program (IUCR)*. Washington, D.C.: National Science Foundation, 1984.
- Johnson, E.C., Tornatzky, L.G. and Schlaaff, L.R. *Cooperative Science: A National Study of University and Industry Researchers. Volume II: Case Studies*. Washington, D.C.: National Science Foundation, 1984.
- Tornatzky, L.G., Eveland, J.D., Boylan, M.G., Hetzner, W.A., Johnson, E.J., Roitman, D. and Schneider, J. *The Process of Technological Innovation: Reviewing the Literature*. Washington, D.C.: National Science Foundation, 1983.
- Brookover, W., Beamer, L., Efthim, H., Hathaway, D., Lezotte, L., Miller, S., Passalacqua, J. and Tornatzky, L. *Creating Effective Schools*. Holmes Beach, Florida: Learning Publications, Inc., 1982.
- Tornatzky, L.G., Hetzner, W.A., Eveland, J.D., Schwarzkopf, A. and Colton, R. M. *University-Industry Cooperative Research Centers: A Practice Manual*. Washington, D.C.: National Science Foundation, Division of Industrial Science and Technological Innovation, 1982.

Tornatzky, L.G., Fergus, E.O., Avellar, J., Fairweather, G.W. and Fleischer, M. *Innovation and Social Process*. A national experiment in implementing social technology. New York: Pergamon Press, 1980.

Tenbrunsel, T.W., Tornatzky, L.G. and DeZeuw, M. *Fund-Raising and Grantsmanship*. East Lansing: Michigan State University Press, 1980.

Fairweather, G.W. and Tornatzky, L.G. *Experimental Methods for Social Policy Research*. New York: Pergamon Press, 1977.

Fairweather, G.W., Sanders, D.H. and Tornatzky, L.G. *Creating Change in Mental Health Organizations*. New York: Pergamon Press, 1974.

ARTICLES AND CHAPTERS

- 2014 Wolfe, S.M., Tornatzky, L.G. and Graham, B.C. "Dissemination and Sustainability: Changing the World and Making it Stick." In V. Scott & S.M. Wolfe (Eds.), *Community Psychology: Foundations of Practice*. Thousand Oaks, CA: Sage Publications.
- 2011 Gray, D., Sundstrom, E., Tornatzky, L. and McGowen, L. "When Triple Helix unravels. A multi-case analysis of failures in industry-university cooperative research centres". *Industry & Higher Education*, Vol 25 (5), pp. 333-345, 2011.
- 2006 Waugaman, P.G., Kirby, W. S. and L.G. Tornatzky. "Performance Measurement." In Kulakowski, E. L. and Chronister, L. (Eds.), *Research Administration and Management*. New York: Jones and Bartlett, 2006
- 2006 Tornatzky, L.G. and Waugaman, P. G. "The Academic Entrepreneur: Nurturing a Scarce Resource." In Kulakowski, E. L. and Chronister, L. (Eds.), *Research Administration and Management*. New York: Jones and Bartlett, 2006.
- 2005 Tornatzky, L. G. "Innovation U: New Practices, Enabling Cultures." In Jones, G. A., McCarney, P.L. & Skolnik, M.L. (Eds.), *Creating Knowledge, Strengthening Nations: The Changing Role of Higher Education*. Toronto: University of Toronto Press, 2005.
- 2004 Waugaman, P.G., Friedrich, H.R., Tornatzky, L.G., and Schmidt, H.U. "Competitiveness in Research: A Comparative Pilot Study." *Hochschulplanung*, Vol. 170, HIS, GmbH, Hannover, Germany.

- 2003 Tornatzky, L.G. "Benchmarking university-industry relationships: A user-centered evaluation approach." In Shapira, P. and Kuhlman, S. (Eds.), *Learning from Science and Technology Policy Evaluation*, Cheltenham, UK and Northampton, MA: Edward Elgar, 2003.
- 2002 Tornatzky, L.G. "Technology-based economic development in Atlanta and Georgia: The role of university partnerships." *Industry and Higher Education*, February, 19-26, 2002.
- 2001 Tornatzky, L. G. "Benchmarking University-Industry Technology Transfer: A Six Year Retrospective." *Journal of Technology Transfer*, 26, 269-277, 2001.
- 1999 Tornatzky, L.G., Lovelace, K., Gray, D.O., Walters, S. G. and Geisler, E. "Promoting the success of US industry/university research centres: The Role of Leadership." *Industry and Higher Education*, Vol. 13, No. 2, pp. 101-111.
- 1998 Tornatzky, L.G., Gray, D., Tarant, S.A. and Howe, J. "Maine's Science and Technology Brain Drain: How Much and Why?" *Maine Policy Review*, Vol. 7, No. 1, pp. 44-49.
- 1998 Tornatzky, L.G., Gray, D. O. and Geisler, E. "Planning the Cooperative Research Program." In Gray, D.O. and Walters, G. (Eds.), *Managing the Cooperative Research Center*. Columbus, O.: Battelle Press.
- 1998 Gray, D.O. and Tornatzky, L. G. "Implementing the Cooperative Research Program." In Gray, D.O. and Walters, G. (Eds.), *Managing the Cooperative Research Center*. Columbus, O.: Battelle Press.
- 1998 Tornatzky, L.G., Fleischer, M. and Gray, D.O. "Knowledge and Technology Transfer in Cooperative Research Settings." In Gray, D.O. and Walters, G. (Eds.), *Managing the Cooperative Research Center*. Columbus, O.: Battelle Press, 1998.
- 1998 Tornatzky, L.G., Lovelace, K., Gray, D.O., Walters, G. and Geisler, E. "Center Leadership." In Gray, D.O. and Walters, G. (Eds.), *Managing the Cooperative Research Center*. Columbus, O.: Battelle Press, 1998.
- 1995 Tornatzky, L.G. "A Product Strategy for Technologies of Technology Transfer." In Lawless, M. and Gomez-Mejia, L.R. (Eds.), *Implementation Management in High Technology*. Greenwich, Connecticut: JAI Press, 1995.

- 1995 Tornatzky, L.G. "Technology's Ten Commandments." *Southern Growth*, Vol. 1., No. 1, pp. 22-25.
- 1994 Tornatzky, L.G. and Ostrowiecki, B. "Technology Needs: The Art and Craft of Identifying, Articulating, and Communicating." In Kassiech, S. K. and Radosevich, H. R. (Eds.). *From Lab to Market. Commercialization of Public Sector Technology*. New York, Plenum Press, 1994.
- 1993 Tornatzky, L.G. "Looking at The Future: Preliminary Results." *Metalforming*, Vol 27, No 1, January 1993.
- 1993 Tornatzky, L.G. "Federalist Papers." *Journal of Technology Transfer*, Vol. 18, No. 1-2, 1993, pp. 8-9.
- 1992 Tornatzky, L.G. "Whither U?" *Journal of Technology Transfer*, Vol.17, No. 4, Fall 1992, pp. 5-7.
- 1992 Tornatzky, L.G. "Whatdyaneed Buddy?" *Journal of Technology Transfer*, Spring-Summer, Vol. 17, No. 2-3, 1992, pp. 5-7.
- 1992 Tornatzky, L.G. "Tools for Living in Interesting Times." *Journal of Technology Transfer*, Vol. 17, No. 1, Winter 1992, pp. 5-7.
- 1992 Tornatzky, L.G. "Us and the rest of America." *Journal of Technology Transfer*, Vol. 16, No. 4, pp. 5-8.
- 1992 Tornatzky, L. G. and Lemer, A. C. "Processes of Technological Innovation." In Dibner, D. R. and Lemer, A. C. (Eds.), *The Role of Public Agencies in Fostering New Technology and Innovation in Building*. Washington, D.C.: National Academy Press, 1992.
- 1992 Tornatzky, L.G. and Luria, D.D. "Technology Policies and Programs in Manufacturing: Toward Coherence and Impact." In Gold, B. *Strengthening Corporate and National Competitiveness through Technology*. Special issue of *International Journal of Technology Management*.
- 1991 Tornatzky, L.G. "A Meeting, A Dinner, A Beer, and A Ride Home." *Journal of Technology Transfer*, Summer, Vol. 16, No. 3, pp. 5-7.
- 1991 Tornatzky, L.G. "Navigating the Currents of Change." *Journal of Technology Transfer*, Spring, Vol. 16, No. 2, pp. 5-7.

- 1989 Tornatzky, L.G., Brandenburg, D.C. and McAlinden S. "The Pace of Change in Michigan Manufacturing." Industrial Technology Institute, March, 1989.
- 1988 Wyckoff, A.W. and Tornatzky L.G. "State-Level Efforts to Transfer Manufacturing Technology: A Survey of Programs and Practices." *Management Science*, 1987, Vol. 34, No. 4, pp. 469-481, 1988.
- 1987 Tornatzky, L.G. and DePietro, R. "Learning to Use Computers that Think." *Training and Development Journal*, October, 1987, pp. 47-50.
- 1986 Walton, A.L., Tornatzky, L.G., Eveland, J.D. "Research Management at the University Department." *Science and Technology Studies*, Vol. 4, No. 3/4, pp. 35-38, 1986.
- 1986 Hetzner, W.A., Eveland, J.D. and Tornatzky, L.G. "Fostering Innovation: Economic, Technical, and Organization Issues." In Davis, D. (Ed.), *Managing Technological Innovation*. San Francisco: Jossey-Bass, 1986.
- 1986 Tornatzky, L.G. "Technological Change and the Structure of Work." In Pallak, M. and Perloff, R. (Eds.), *Psychology and Work: Productivity, Change, and Employment*. Washington, D.C.: American Psychological Association, 1986.
- 1986 Hetzner, W.A., Eveland, J.D. and Tornatzky, L.G. "National Policy and Advanced Manufacturing Technology." In Davis, D. (Ed.), *Implementing Advanced Manufacturing Technology: An Organizational Perspective*. San Francisco: Jossey-Bass, 1986.
- 1986 Solomon, T. and Tornatzky, L.G. "Rethinking the Federal Government's Role in Technological Innovation." In Solomon, T., Gray, D. and Hetzner, W.A. (Eds.), *Technological Innovation: Strategies for a New Partnership*. Amsterdam: North-Holland, 1986.
- 1986 Tornatzky, L.G. "State-Level Manufacturing Technology Initiatives: Design Issues." In Dermer, J. (Ed.), *Competitiveness Through Technology*. Lexington, Massachusetts: Lexington Books, 1986.
- 1984 Tornatzky, L.G. Entries on "Field Experimentation," "Innovation Processes," and "Ecological Psychology." In Corsini, R. (Ed.), *Encyclopedia of Psychology*. New York: John Wiley & Sons, 1984.

- 1983 Eveland, J.D., Hetzner, W.A. and Tornatzky, L.G. "Innovation Processes Research: Implications for Public Policy." *IEEE Transactions on Engineering Management*. Volume EM-30, Number 2, May, pp. 37-38.
- 1983 Hetzner, W.A., Tornatzky, L.G. and Klein, K. "Manufacturing Technology in the 1980's: A Survey of Federal Programs and Practices." *Management Science*. Volume 29, Number 8, August, pp. 951-961.
- 1982 Tornatzky, L.G., Hetzner, W.A., Eveland, J.D., Schwarzkopf, A., Colton, R. and Knight, R.C. "NSF University-Industry Cooperative Research Centers: Background and a Case History." *Grants Magazine*. Volume 6, Number 1, March, pp. 46-66.
- 1982 Schneider, J., Stevens, N.J. and Tornatzky, L.G. "Policy Research and Analysis: An Empirical Profile, 1975-1980." *Policy Sciences*, 15, pp. 99-114.
- 1982 Tornatzky, L.G., Schneider, J. and Stevens, N.J. "Toward Credible Policy Inquiry: A Reply to Brunner." *Policy Sciences*, 15, pp. 137-140.
- 1982 Tornatzky, L.G. "Educating Professionals for Social Systems Interventions: A Ten Year Retrospective." In Jeger, A.M. and Slotnick, R.S. (Eds.), *Community Mental Health and Behavioral Ecology: A Handbook of Theory, Research and Practice*. New York: Plenum Press, 1982.
- 1982 Tornatzky, L.G. and Solomon, T., with Bikson, T., Cole, R., Friedman, L., Hage, J., Kiesler, C.A., Larsen, O., Menzel, D., Nelson, S., Sechrest, L., Stokes, D. and Zaltman, G. "Contributions of Social Science to Innovation and Productivity." *American Psychologist*, Volume 37, Number 7, July.
- 1982 Tornatzky, L.G. and Johnson, E.C. "Research on Implementation: Implications for Evaluation Practice and Evaluation Policy." *Evaluation and Program Planning*, 5, 1983.
- 1982 Tornatzky, L.G. and Fergus, E. "Innovation and Diffusion in Mental Health: the Community Lodge." In Jeger, A.M. and Slotnick, R.S. (Eds.), *Community Mental Health and Behavioral Ecology: A Handbook of Theory, Research, and Practice*. New York, Plenum Press, 1982.
- 1982 Tornatzky, L.G. and Klein, K. "Innovation Characteristics and Innovation Adoption/Implementation: A Meta-Analysis of Findings." *IEEE Transactions on Engineering Management*. Volume EM-29, Number 1, February, pp. 28-45.

- 1981 Johnson E.C. and Tornatzky, L.G. "Academia and Industrial Innovation." In Gold, G.G. (Ed.), *New Directions for Experiential Learning: Business and Higher Education Alliances*. San Francisco: Jossey-Bass, 1981.
- 1980 Stevens, W.S. and Tornatzky, L.G. "The Dissemination of Evaluation: An Experiment." *Evaluation Review*, Volume 4, Number 3, June, pp. 339-354.
- 1980 Tornatzky, L.G., Brookover, W.B., Hathaway, D.V., Miller, S.K. and Passalacqua, J. "Changing School Climate: A Case Study in Implementation." *Urban Education*, Volume 15, Number 1, April, pp. 49-64.
- 1979 Tornatzky, L.G. Review of J. Rothman. "Planning and Organizing for Social Change." In *Evaluation and Program Planning*, Volume 2, pp. 303-305.
- 1979 Tornatzky, L.G. "The Triple Threat Evaluator." *Evaluation and Program Planning*, Volume 2, pp. 111-115.
- 1979 Tornatzky, L.G. "A Guide for the Indigenous Change Agent." In Alley, S., Blanton, J. and Feldman, R.E. (Eds.) *Paraprofessionals In Mental Health*. New York: Human Sciences Press.
- 1979 Tornatzky, L.G. and Lounsbury, J.W. "Dimension of Interorganizational Interaction." *Journal of Community Psychology*, 7, pp. 198-209.
- 1978 Tornatzky, L.G., Wisenbaker, J.M., Green, R.L., Logan, G.W., Pachon, H.P., Schweitzer, J.H. and Tenbrunsel, T.W. "The Detroit Mini-Station Program: An Evaluation." *Journal of Police Science and Administration*, 6, (2), pp. 232-240.
- 1977 Calsyn, R.J., Tornatzky, L.G. and Dittmar, S. "Incomplete Adoption of an Innovation: The Case of Goal Attainment Scaling." *Evaluation*, 4, pp. 127-130.
- 1977 Lounsbury, J.W. and Tornatzky, L.G. "A Scale for Assessing Attitudes Toward Environmental Quality." *The Journal of Social Psychology*, 101, pp. 299-305.
- 1977 Tornatzky, L.G. "The MSU-NDM Innovation Diffusion Project." *Division 18 Newsletter*, Division of Consulting Psychology of the American Psychological Association, Spring.

- 1976 Ives, W.R., Lounsbury, J.W. and Tornatzky, L.G. "An Experimental Comparison of Two Community-Based Drug Abuse Treatment Programs." *Journal of Community Psychology*, 4, pp. 253-258.
- 1976 Stevens, W.S. and Tornatzky, L.G. "The Effects of a Job Interviewing Skills Workshop on Drug Abuse Clients." *Journal of Employment Counseling*, December 1976.
- 1976 Tornatzky, L.G. "How a Ph.D. Program Aimed at Survival Issues Survived." *American Psychologist*, February, pp. 189-192.
- 1975 Lounsbury, J.W. and Tornatzky, L.G. "An Experiment on Recipient Involvement in Planning an Environmental Change Project." *Man-Environment Systems*, 5, pp. 313-316.
- 1975 Perlman, B. and Tornatzky, L.G. "Organizational Perspectives on Community Mental Health Centers." *Administration in Mental Health*, Fall, pp. 27-31.
- 1975 Tornatzky, L.G. "Case Study." *Division 13 Newsletter*, Division of Consulting Psychology of the American Psychological Association, Fall, 27, (1).
- 1974 Keith, L.T., Tornatzky, L.G. and Pettigrew, L.E. "An Analysis of Verbal and Nonverbal Classroom Teaching Behaviors." *Journal of Experimental Education*, Summer.
- 1974 Tornatzky, L.G. "Experimental Social Innovation in Social Work." In Perlmutter, F. (Ed.), *Social Work and Public Social Services*. New York: Columbia University Press.
- 1973 Bond, M.H. and Tornatzky, L.G. "Locus of Control in Students from Japan and the United States: Dimension and Levels of Response." *Psychologia*, 16, pp. 28-32.
- 1971 Tornatzky, L.G. "Halfway Effectiveness." Review of the Book, *Halfway Houses: Community-Centered Correction and Treatment* by Oliver J. Keller Jr. and Benedict S. Alper. *Contemporary Psychology*, 16 (8).
- 1970 Tornatzky, L.G., Fairweather, G.W. and O'Kelly, L.I. "A Ph.D. Program Aimed at Survival." *American Psychologist*, September, 25, (9).

- 1969 Tornatzky, L.G. and Geiwitz, P.J. "The Effects of Threat and Attraction on Interpersonal Bargaining." *Psychonomic Science*, 13, (2).

PAPERS PRESENTED

- 2000 Tornatzky, L. G. "Benchmarking University-Industry Relationships: A User-Centered Evaluation Approach." Presented at US-European Conference on Learning from Science and Technology Policy Evaluation, Bad Herrenalb, Germany, September 11-14, 2000.
- 1997 Tornatzky, L.G. "Industry-University Technology Transfer: Alternative Models of Policy, Program, and Practice." Invited paper, Ohio State University Technology Transfer Forum, October 5-6, 1997.
- 1994 Tornatzky, L.G. and Hetzner, W. "Technology Commercialization and Regional Economic Development: An Unfinished Agenda for NSF Cooperative Research." Paper presented at ORSA/TIMS Annual Meeting, Detroit, MI, October 24, 1994.
- 1994 Tornatzky, L.G. "A Breeder Consortium: The Southern Technology Council." Paper presented at Technology Transfer Society, Huntsville, AL, June 22, 1994.
- 1992 Tornatzky, L. G., "Changing Academic Cultures: An 'Experimental' Intervention." Paper presented at ORSA/TIMS Joint National Meeting, San Francisco, CA, November 2-4, 1992.
- 1992 Tornatzky, L.G., "Technological Innovation in the United States: A New But Fragile Vision." Paper presented at Perspectives of Technology Transfer: Problems and Options for the Future; Universitte Bielefeld, Zentrum fuer Wissenschaft, und Praxis, Germany, June 4-5, 1992.
- 1991 Tornatzky, L.G. and Hetzner, W. "Manufacturing Extension and Technology Transfer in the Department of Defense Manufacturing Technology Program Current Practice, Lessons Learned, and Possible Future Directions." Paper presented at MTAG/IMIP Conference, Los Angeles, CA., December 1991.
- 1991 Tornatzky, L.G. "Management of Technological Change: An Addendum to Frankel" Paper read at Society of Naval Architects and Marine Engineers Ship Production Symposium, San Diego, California, September 5, 1991.

- 1991 Tornatzky, L.G. and Eveland, J.D. "Errors of Technology Policy and Program: Up, Down, Forward, and Back." Paper presented at 99th Annual Convention of the American Psychological Association, San Francisco, California, August 19, 1991.
- 1991 Tornatzky, L.G. and Shackson, R.H. "A Training-Resocialization Approach to Technology Transfer." Paper presented at meeting of Technology Transfer Society, Denver, Colorado, June, 1991.
- 1990 Morell, J.A., Tornatzky, L.G. and Behm, J. "CASE Implementation: Dynamics Through the Technology Life Cycle." Paper presented at the CASE Adoption Workshop, Software Engineering Institute, Carnegie Mellon University, Pittsburgh, Pennsylvania, November 13, 1990.
- 1990 Tornatzky, L.G. "A Principles-Driven Approach to Technology Policy in the Construction Industry." Paper developed for Commission on Engineering and Technical Systems, Building Research Board, National Research Council, August, 1990.
- 1990 Tornatzky, L.G., "New Manufacturing Realities and Worker Training." Testimony presented to the Joint Economic Committee, U.S. Congress, May 17, 1990.
- 1990 Tornatzky, L.G., "A Product Strategy for Technologies of Technology Transfer." Presented at the Second International Conference on Managing the High Technology Firm, January 10-12, 1990, Boulder, Colorado.
- 1989 Tornatzky, L.G. "Community Psychology and Industrial Innovation: Conceptualization and Implications." Presented at 2nd Biennial Conference on Community Research and Action, East Lansing, Michigan, June 22, 1989.
- 1989 Tornatzky, L.G. "Transferring Incremental Technology: The Case of Manufacturing." Presented at The National Technology Transfer Policy Symposium, Boca Raton, Florida, April 7, 1989.
- 1988 Tornatzky, L.G. "Technologic Change: Impact on Midwest Worklife." Presented at Shaping the Workplace for the Year 2000 Conference, Des Moines, Iowa, November 14-15, 1988.
- 1988 Tornatzky, L.G. "The Governors' New Clothes: Data-Driven Science and Technology Programs." Paper presented at Appalachian Regional Commission, Greenville, South Carolina, September 29, 1988.

- 1987 Tornatzky, L.G. "University/Industry Research Relationships: National Perspectives." Presented at Pittsburgh High Technology Council Meeting, October 23, 1987.
- 1987 Tornatzky, L.G. "Managing Change: People, New Technology and Work Organization." Paper presented at American Productivity Management Association, Detroit, Michigan, June 3, 1987.
- 1987 Tornatzky, L.G. "Adopting and Implementing Complex Sociotechnical Systems." Paper presented at First Biennial Conference on Community Research and Action, Division 27, American Psychological Association, Columbia, South Carolina, May 22, 1987.
- 1987 Tornatzky, L.G. "Management Issues in Implementing Computerized Technology." Paper presented at SAE/ESD International Computer Graphics Conference and Exposition, Detroit, Michigan, April 7-9, 1987.
- 1987 Tornatzky, L.G. and DePietro, R. "Computer-Assisted Manufacturing Technology: Training in What, By Whom and For Whom?" Paper presented at Work in America Institute, February 26, 1987.
- 1986 Tornatzky, L.G. "Facilitating the Implementation of Advanced Manufacturing Technology." Presented at TIMS International Meeting, Gold Coast, Australia, July 23, 1986.
- 1986 Tornatzky, L.G. "The Management of Academic Research." Presented at National TIMS/ORSA Meeting, Los Angeles, California, April 14, 1986.
- 1985 Tornatzky, L.G. "Technological Change and the Structure of Work." Master Lecture Presented at American Psychological Association, August 27, 1985.
- 1985 Tornatzky, L.G. "On Suffering Fools: Four Years of Intramural Evaluation Research in the National Science Foundation." Presented at Evaluation Research Society, Toronto, Canada, October 7, 1985.
- 1985 Tornatzky, L.G. "State-level Manufacturing Technology Initiatives: Design Issues." Presented at Competitiveness Through Technology Conference, York University, Toronto, Canada, April 24-25, 1985.
- 1985 Tornatzky, L.G. "Technological Change in American Manufacturing: Opportunities for Applied Social Science." Presented at Annual Conference of the Southeastern Industrial/Organizational Psychological Association, Atlanta, Georgia, March, 1985.

- 1984 Tornatzky, L.G. "Opportunities for Technology Development in the Great Lakes Machine Tool Industry." Presented at Council of Great Lakes Governors, Boulder Junction, Wisconsin, August 25, 1984.
- 1984 Tornatzky, L.G. and Wyckoff, A.W. "International Perspectives on the Implementation of Advance Manufacturing Technology." Presented at ORSA/TIMS International Meeting, Copenhagen, Denmark, June 19, 1984.
- 1983 Tornatzky, L.G. "Research on Innovation: Stretching the Limits of the Discipline." Presented at American Psychological Association, Anaheim, California, August 26, 1983.
- 1983 Tornatzky, L.G. "Research on Innovation: Obstacles to Progress." Presented at Small Business Research Conference, Bentley College, Waltham, Massachusetts, March 10, 1983.
- 1983 Tornatzky, L.G. "Failings of the Policy Process." Presented at NSF Conference on Industrial Science and Technological Innovation, Chicago, Illinois, May 4, 1983.
- 1983 Tornatzky, L.G. "Cooperative Research and the Training of Applied Researchers." Presented at Cooperative Education Association, Toronto, Canada, April 19, 1983.
- 1982 Tornatzky, L.G. "Research on Research in the National Science Foundation." Presented at Evaluation Research Society, Baltimore, Maryland, October 30, 1982.
- 1982 Tornatzky, L.G. "Organizational Aspects of University/Industry Cooperation." Presented at American Chemical Society, Newark, Delaware, April 21, 1982.
- 1982 Tornatzky, L.G., Hetzner, W.A. and Boylan, M.G. "Industrial Innovation Processes: Implications for Public Policy." Presented at American Association for the Advancement of Science, Washington, D.C., January 6, 1982.
- 1981 Hetzner, W.A., Tornatzky, L.G. and Klein, K. "Manufacturing Technology in the 1980's: A Survey of Federal Programs and Practices." Presented at ORSA/TIMS Joint National Meeting, Houston, Texas, October 12, 1981.
- 1981 Tornatzky, L.G. "Research on Implementation: Implications for Evaluation Practice and Evaluation Policy." Presented at Evaluation Research Society, Austin, Texas, October 1, 1981.

- 1981 Tornatzky, L.G. and Hetzner, W.A. "Industrial Innovation: Findings and Implications." Presented at ORSA/TIMS Joint National Meeting, Houston, Texas, October 14, 1981.
- 1979 Tornatzky, L.G. "Issues in the Implementation of Remedial Interventions in Psychogenic Illness." Unpublished paper. National Institute for Occupational Safety and Health, Center for Disease Control, U.S. Department of Health, Education, and Welfare.
- 1978 Tornatzky, L.G. "Social Process and Social Change: A Conceptual Overview of the MSU-NIMH Innovation Diffusion Project." Presented at American Psychological Association Convention, Toronto, Canada, August, 1978.
- 1977 Tornatzky, L.G. "Changing Mental Health Systems: The Community Lodge as a Case Example." Presented at Cornell University Medical College, May 12, 1977.
- 1977 Tornatzky, L.G. "Meaningful Change and Its Measurement." Presented at American Psychological Convention, San Francisco, California, August, 1977.
- 1976 Green, R.L., Tornatzky, L.G., Logan, G.W., Pachon, H.P., Schweitzer, J.H., Tenbrunsel, T.W. and Wisenbaker, J.M. "Final Report: Process and Planning Evaluation." Unpublished report to the Detroit Police Department and the City of Detroit, May 15, 1976.
- 1976 Tenbrunsel, T.W., Wisenbaker, J.M. Tornatzky, L.G., Green, R.L., Logan, G.W., Pachon, H.P. and Schweitzer, H.J. "The Detroit Mini-Station Evaluation Project: A Community Experiment." Presented at the American Psychological Association Convention, September, 1976.
- 1976 Tornatzky, L.G. "Implications of the MSU- Innovation Diffusion Project: Towards an O.S.P.E.D." Presented at the American Psychological Association Convention, Washington, D.C., September, 1976.
- 1976 Tornatzky, L.G. and Fairweather, G.W. "The Role of Experimental Research on the Social Change Process: On Not Reinventing the Wheel." Presented at the American Psychological Association Convention, Washington, D.C., September, 1976.

- 1976 Wisenbaker, J.M., Green, R.L., Logan, G.W., Pachon, H.P., Schweitzer, J.H., Tenbrunsel, T.W. and Tornatzky, L.G. "Hypothesis Generation and Hypothesis Testing: The Application of Research Methodology to the Evaluation of Public Policy." Presented at the 80th Annual Meeting of the Michigan Academy of Science, Arts, and Letters, East Lansing, Michigan, March 19, 1976.
- 1975 Green, R.L., Tornatzky, L.G., Logan, G.W., Pachon, H.P., Schweitzer, J.H., Tenbrunsel, T.W., Wisenbaker, J.M., Fuse, R.L. and Segodnia, W.P. "Interim Report: Mini Police Station Evaluation Project." Unpublished report to the Detroit Police Department and City of Detroit, February 15, 1975.
- 1975 Green, R.L., Tornatzky, L.G., Logan, G.W., Pachon, H.P., Schweitzer, J.H., Tenbrunsel, T.W. and Wisenbaker, J.M. "Comparative Evaluation Report: Reported Crime, Victimization, and Community Attitudes." Unpublished report to the Detroit Police Department and City of Detroit, September 26, 1975.
- 1975 Green, R.L., Tornatzky, L.G., Logan, G.W., Pachon, H.P., Schweitzer, J.H., Tenbrunsel, T.W. and Wisenbaker, J.M. "Addendum to Comparative Evaluation Report: Spread of Effects." Unpublished report to the Detroit Police Department and City of Detroit, September, 1975.
- 1975 Hedrick, S.C., Olds, S.G. and Tornatzky, L.G. "An Analysis of the Work Site as a Setting for Family Planning Services to Low Income Workers." Presented at the Annual Meeting of the American Public Health Association, Chicago, Illinois, November 19, 1975.
- 1975 Lounsbury, J.W. and Tornatzky, L.G. "Planning and Involvement: An Experiment in an Applied Setting." Presented at the 1975 Environmental Design Research Association Convention, Lawrence, Kansas, April 22, 1975.
- 1975 Pachon, H.P., Tornatzky, L.G., Green, R.L., Logan, G.W., Schweitzer, J.H., Tenbrunsel, T.W. and Wisenbaker, J.M. "Street Level Bureaucracies and Citizen Participation: The Police Mini-Station Program in Detroit." Presented at the American Society for Public Administration Annual Meeting, Chicago, Illinois, April 4, 1975.
- 1975 Tornatzky, L.G., Schweitzer, J.H., Green, R.L., Logan, G.W., Pachon, H.P., Tenbrunsel, T.W. and Wisenbaker, J.M. "A Description of the Evaluation Plan for the Detroit Mini Police Station Program." Presented at the 79th Annual Meeting of the Michigan Academy of Science, Arts, and Letters, Ann Arbor, Michigan, April 4, 1975.

- 1973 Tornatzky, L.G. "Social Experimentation and Social Change in Mental Health." Presented at Vanderbilt University Behavior Modification Workshop, 1973.
- 1971 Tornatzky, L.G. "The Educational Administrator and Experimental Social Innovation." Presented at Michigan State University Educational Administrators' Extern Program, Higgins Lake, Michigan, April 3, 1971.
- 1970 Tornatzky, L.G. "The Community Lodge: An Innovation in the Treatment of Deviant Populations." Presented at the Symposium on Drug Abuse, VA Hospital, Battle Creek, Michigan, May 14 and 15, 1970.
- 1970 Tornatzky, L.G. "A Quiet Revolution: Social Change in the Mental Hospital." Presented at the 5th Annual Institute on Mans' Adjustment in a Complex Environment, VA Hospital, Brecksville, Ohio, May 21, 1970.

PROJECT REPORTS

- 1996 Doron, S. J., McCrea, N. E., Vickery, B. S. and Tornatzky, L.G. *Information Tools for Industry*. Report to the Appalachian Regional Commission. Contract #94-28.
- 1991 Tornatzky, L.G. and Hetzner, W. *Manufacturing Extension and Technology Transfer Programs: Lessons Learned*. Study report for the Office of Secretary of Defense (OSD).
- 1989 Tornatzky, L.G., DePietro, R. and Jacobs, J. *Supplier Relationships and Training*. A report submitted to the Office of Technology Assessment, U.S. Congress. Ann Arbor, M: The Industrial Technology Institute.
- 1989 DePietro, R., Jacobs, J., Tornatzky, L.G., Wood, M.T., Ostroweicki, B. and Servais, M. *Postsecondary Vocational Education in a Technological Economy: Defining the Quality of Programs*. A report to the National Assessment of Vocational Education, The U.S. Department of Education. Ann Arbor, MI: The Industrial Technology Institute.
- 1987 Tornatzky, L.G., Solomon, T.S., and Eveland, J.D. *Project Summary and Recommendations*. A report submitted to the Office of Technology Assessment, U.S. Congress. Ann Arbor, MI: The Industrial Technology Institute.

- 1984 Tornatzky, L.G., Hetzner, W.A. and Eveland, J.D., with Dunne, M., Ettlie, J., Gerwin, D., Hartman, D., Leonard-Barton, D., Scheirer, M. and Taylor, J. *Fostering the Use of Advanced Manufacturing Technology*. Unpublished report, Division of Industrial Science & Technological Innovation, National Science Foundation.
- 1982 Johnson, E.C., Tornatzky, L.G., Witte, P. and Felbinger, C. *Assessment of the Industry/University Cooperative Research Program. Interim Report #1. Descriptive Analysis of Projects*. Washington, D.C.: National Science Foundation, 1982.

ADVISORY

Office of Technology Assessment, US Congress, Advisory Committee for Study on Commercialization. 1995-1996.

Technology Transfer Society, Board of Directors, 1994 to 1997.

National Center for Manufacturing Sciences, Steering Committee, Technology Transfer, 1991-1993.

Council of Consortia, Committee on National Policy.

Member, National Academy of Sciences, Committee on Highway Research and Construction, 1991-1992, Transportation Research Board, National Research Council.

Member, National Academy of Sciences, Committee on Innovations in the U.S. Construction Industry, 1990-1991, Building Research Board, National Research Council.

Editorial Board, IEEE Transactions on Engineering Management, 1986-1989.

Editorial Board, Evaluation and Program Planning, 1984-1988.

Roundtable Leader, 26th Air Force Academy Assembly, 1983.

Member, Project Advisory Board, Community Health Care Administration Project, University of Wisconsin-Oshkosh, 1979-1981.

Advisory Committee Member, Ecological-Community Dissemination Project, Michigan State University, 1980-1983.

Member, Project Advisory Group, NIMH/HHU Project, 1980-1981.

Member, Energy Education Advisory Committee, Energy Extension Service, Michigan Department of Commerce, 1978-1979.

Collaborative Research Advisor, Human Interaction Research Institute of Mental Health, 1975-1979.

Member, Evaluation Guidelines Task Force, Michigan Office of Substance Abuse, 1976-1979.

Member, Network of Consultants on Knowledge Transfer, National Institute of Mental Health, 1975-1979.

Member, Midwest University Consortium Committee on Population, 1970-1971.

INTERESTS AND HOBBIES

American History

Running (finisher of ten marathons, best time - 3:41)

Former Member of Orange County Hash House Harriers

Ethnic cooking

Cross-country skiing: 1981 and 1982 Trans-Michigan Expeditions; 1988 and 1989 Red Earth Loppet; 1990 and 1991 White Pine Stampede (Currently retired, bad hip)

Backpacking and fishing

Docent, Friends of the Elephant Seal