

# **CURRICULUM VITAE**

## **JAMES F. BRENNAN**

### **ADDRESS**

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### **EDUCATION**

A.B. Providence College, 1967  
Majors: Psychology, History  
M.A. University of Dayton, 1969  
Major: Experimental Psychology  
Ph.D. Kent State University, 1972  
Major: Learning  
Minor: History and Systems of Psychology  
Postdoctoral Clinical Traineeship (6/73-6/74)  
Veterans Administration Hospital, Buffalo, NY

### **EXPERIENCE**

4/07-Current Ordinary Professor of Psychology  
The Catholic University of America  
(sabbatical leave, 9/14-8/16)

4/07-9/14 Provost  
Ordinary Professor Psychology  
The Catholic University of America

3/04-3/07 Provost and Vice President for Academic Affairs  
Professor of Psychology  
Towson University

6/00-3/04 Dean, College of Arts and Sciences  
Professor of Psychological and Brain Sciences

|   |   |
|---|---|
|   | University of Louisville<br>Professor of Anatomy and Neurobiology<br>University of Louisville Medical School  |
| 6/95-5/00   | Dean, The Graduate School<br>Professor of Psychology<br>Adjunct Professor, Parmlly Hearing Institute<br>Adjunct Professor, Department of Pharmacology and Experimental<br>Therapeutics, Stritch School of Medicine<br>Loyola University Chicago |
| 8/90-6/95   | Professor of Psychology<br>Chair, Department of Psychology<br>University of Massachusetts Boston  |
| 1/94-7/94<br>(sabbatical)   | Senior Research Fulbright Fellow<br>Behavioural Pathophysiological Section<br>Lab. Fisiopatologia di Organo e di Sistema<br>Istituto Superiore di Sanità, Rome.   |
| 8/87-8/90   | Professor of Psychology; Director, The Honors Program,<br>College of Arts and Sciences, University of Massachusetts Boston  |
| 8/84 - 8/87   | Associate Dean, Graduate Studies & Research<br>Associate Professor of Psychology<br>University of Massachusetts Boston  |
| 8/80-8/84   | Associate Professor Psychology<br>University of Massachusetts Boston  |
| 8/83-8/84<br>(sabbatical)   | Congressional Science Fellow (AAAS)<br>U.S. House of Representatives  |
| 1/88 - 2/88<br>2/81 - 7/81<br>4/79 - 7/79<br>5/77 - 8/77<br>8/74 - 6/75 | Visiting Scientist<br>Department of Neurophysiology<br>Nencki Institute of Experimental Biology<br>Polish Academy of Sciences<br>Warsaw, Poland   |
| 8/77 - 8/80   | Associate Dean of Arts and Sciences<br>Associate Professor of Psychology<br>University of Massachusetts Boston  |

|             |   |
|-------------|---|
| 7/77-8/77   | Assistant to Associate Professor of Psychology<br>Graduate Faculty<br>Staff Member, SUNY Center on Aging<br>Department of Psychology<br>State University of New York College at Buffalo |
| 9/71 - 6/72 | Instructor<br>Department of Psychology<br>Kent State University   |

## **Administrative Profile (1995-present)**

(Abbreviations: The Catholic University of America (CUA), Towson University (TU), University System of Maryland (USM), University of Louisville (U of L), Loyola University Chicago (LUC)

## **Faculty Development and Instructional Improvement**

- Established a School of Business & Economics with clear mission focus, final approval by CUA Board of Trustees, December 2012.
- Transitioned School of Library & Information Science to departmental status in the School of Arts & Sciences, final approval by CUA Board of Trustees, June 2013.
- Co-Chair, Strategic Planning Process (2010-present; final plan approval by CUA Board of Trustees, December, 2011).
- Successful Re-accreditation, Middle States Commission on Higher Education, spring 2010 (CUA).
- Undergraduate Enhancement Plan, including First Year Experience Program (CUA).
- Applied Masters Programs, development and implementation (CUA).
- Revision of Faculty Handbook and Policy Review (CUA).
- Successful re-accreditations in Law, Engineering, Social Work, Architecture, Music, Library & Information Science (CUA).
- Annual and triennial reports to the Congregation on Education, Vatican, for ecclesiastical faculties of Canon Law, Philosophy, and Theology & Religious Studies (CUA).
- Year-long, new faculty orientation and socialization program (CUA).
- Established Center for Global Studies; specific program developments in Rome, Vietnam (3 sites), and Poland (2 sites) (CUA).
- Major programmatic expansion to accommodate growth of 800 FTE students annually for five years (TU).
- First professional doctorates conferred (TU).
- Library system reengineered as campus learning hub (TU).
- Streamlined general education and moved toward core learning outcomes (TU).

- Accreditations: Middle States, institutional; NCATE, institutional and College of Education; AACSB, College of Business and Economics.
- Major curriculum planning, University System of Maryland (TU).
- On-site M.Ed. offered under contract to three school districts, Shanghai, China, accredited by Ministry of Education; Several collaborative undergraduate programs, Shanghai Financial University, Shanghai Normal University, Xi'an International Studies University; Anhui University, PRC.
- Innovative collaborative MBA with University of Baltimore (TU).
- International Executive MBA with University of Maryland College Park and University of Łódź, Poland; Planning for similar program, University of Danang, Vietnam.
- New general education requirement with core introduction to the nature of the liberal arts & sciences and academic planning (U of L).
- Undergraduate interdisciplinary minors in Latin American Studies, Chinese Language and Culture, Portugal and Iberian Studies (U of L).
- Established of a Writing Center and secured support for the National Center on Writing Centers, a database archive (U of L).
- Portugal Program, study abroad program in partnership with the University of Lisbon, University of Evora, the Ammaia Foundation, and University of Massachusetts at Dartmouth (U of L).
- Spanish immersion program in Panama (U of L).
- Undergraduate major in Musical Theatre Management, with School of Business (U of L).
- Revision of undergraduate majors for teacher preparation, in partnership with College of Education and Human Development (U of L).
- "5-year" combined baccalaureate/masters programs in Biology, History, Mathematics, Political Science, Psychology, Sociology (U of L).
- Specialized offerings in Spanish and Chinese to undergraduates of the College of Business and Public Administration (U of L).
- Graduate certificate and MA in Pan African Studies, first such program a southern university (U of L).
- MA program in Women's Studies under review (U of L).
- Graduate certificate in African American Theatre within MFA program in Theatre Arts (U of L).
- Ph.D. Program in Applied and Industrial Mathematics (U of L).
- Ph.D. Program in Humanities, an interdisciplinary program with a track designed for international students (U of L).
- Elimination and redistribution of resources from undergraduate majors in German, Russian, and Linguistics, and masters programs in German and Philosophy (U of L).
- Collaboration for combined Ph.D. (Pharmacology) and MBA (LUC).
- Interdisciplinary Religious Studies MA (LUC).
- Graduate Certificate in Actuarial Sciences (LUC).
- MA and Graduate Certificate in Chicago Studies, an interdisciplinary urban, applied research program (LUC).
- International MBA and MS in Human Resources in Chile and Peru (LUC).

- “5-year” combined baccalaureate/masters programs in History, Mathematics, Philosophy, Sociology, Theology (LUC).
- Concentration area in Women’s and Gender Studies at Ph.D. level (LUC).
- MS in Biomedical Sciences, sponsored by three basic science programs at Loyola University Medical Center.

### **Student Development**

- Reorganized Center for Global Education under an Associate Provost for International Affairs with four programmatic areas to accommodate growth in student participation (CUA).
- Centralized undergraduate advising system integrated with Academic Support (CUA).
- Partnership with Student Life in supporting a Center for Academic Success (CUA).
- Strategic marketing plan for graduate student recruitment (CUA).
- Redistribution of resources for competitive funding of graduate students, particularly at the doctoral level (CUA).
- “Vertical” integrated, mandatory advising implemented (TU).
- Created Honors College staffed by Honors Faculty Fellows (TU).
- Reengineered financial assistance model with support of Noel Levitz (TU).
- Created Assistant Dean for Student Support to serve as an advocate for student issues and locus for problem solving (U of L).
- Expanded the University Honors Program while raising standards (U of L).
- Introduced “Modes of Inquiry” as a core course for Arts & Sciences students (U of L).
- Developed an internship program with the Louisville Culture and Arts Association (U of L).
- Strengthened the role of the undergraduate Student Council in the governance structure of the College (U of L).
- Facilitated formation of Graduate Student Association (LUC).
- Formulated a graduate student-mentoring program focused upon research participation and graduate student application (LUC).
- Established Graduate School forums for undergraduates (LUC).

### **Diversity and Multiculturalism**

- Seminar in Israel for University Provosts, Project Interchange, American Jewish Committee, January 2014 (CUA).
- Center for Global Studies to integrate international outreach and support for international students (CUA).
- CUA Center in Rome reorganized on sound financial bases with added, permanent staff.
- New 2+2 and 2+3 programs in Engineering established with institutions in Vietnam and Hong Kong; Certification program between Theology & Religious Studies and the major seminary of the Archdiocese of Ho Chi Minh City established (CUA).
- Strategic planning for 21<sup>st</sup> Century: Hispanic communities outreach (CUA).
- Chaired institutional Diversity Coordinating Council (TU).
- Participated in USM input to state-wide Office of Civil Rights mandates, Department of

Education (TU).

- Departmental and collegiate plans for faculty and student diversity advocacy (TU).
- Appointed an Associate Dean for Diversity and Retention, central to the faculty recruitment process as well as faculty development programs (U of L).
- Doubled the number of administrative staff from underrepresented groups in the College (U of L).
- Instituted a program for Administrative Interns selected from faculty of underrepresented groups (U of L).
- Devised first institutional Diversity Plan for faculty and students, which became the university standard, and has been presented at national meetings as a model plan (U of L).
- Supported curriculum centers (Pan Africa Studies, African American Theatre, Latin American Studies, Chinese Language and Culture, Women's Studies) while also promoting multiculturalism as a pervading standard throughout the general education curriculum (U of L).
- Proposed a Hispanic Studies Center, in collaboration with corporate leadership concerned about social issues and educational opportunities among Chicago's Hispanic communities (LUC).
- Devised scholarship program in collaboration with Hispanic communities of Chicago, particularly through the Pilsen community (LUC).

### **Leadership Roles**

- Middle States Commission on Higher Education: Chaired Visiting Team for Reaccreditation (2013, 2014), Periodic Review Report reviewer (2013, 2014) (CUA).
- Academic Affairs, Board of Trustees (CUA).
- Co-Chair, University Strategic Plan, 2012-22 (CUA).
- Chair, Washington Research Library Consortium Board (2010 - 2013); Vice Chair, 2008-10; Board Member, 2007-2014 (CUA).
- Leadership Council, Catholic Research Resources Alliance, 2011-current (CUA).
- Board of Advisors, Krakow Programs, Jagiellonian University/Columbus School of Law, The Catholic University of America, 2012-present (CUA).
- Strategic Planning Process, Vision 2010, ongoing (TU).
- Coordinate major growth in new faculty positions, averaging 60 searches per year in total recruitment, ongoing (TU).
- University System of Maryland: Academic Affairs Advisory Council (Provosts), Shady Grove Campus Governing Board, USM Satellite Planning Group (TU).
- Redesigned faculty development initiatives, including year-long new faculty orientation program, 2004-05. (TU).
- State of Maryland, Sister-states Advisory Board (TU).
- Academic Advisory Board, Cristo Rey Jesuit High School, ongoing, Baltimore (TU).
- Board Member (2001-04), Heuser Hearing Institute and Louisville Deaf Oral School: Staff Evaluation Committee, Committee on Committees (U of L).
- Presidential Search Committee (U of L).

- Committee on Postsecondary Education, Commonwealth of Kentucky, Committee on Liberal Arts & Sciences, 2000-04 (U of L).
- Fellows Chair (2001-02), Division 6, American Psychological Association.
- Committee on Institutional Identity, Board of Trustees (LUC).
- President (1998-1999), Vice President (1997-98), Illinois Association of Graduate Schools.
- President (1999-2000), Association of Graduate Schools at Catholic Colleges and Universities.

## **Development and Fund Raising**

- Facilitated new Vice Presidential leadership in development with strategic priorities of the schools (CUA).
- CASE Planning among the schools, (CUA).
- Endowed Chair in Philosophy, facilitator, \$3M (CUA).
- Integrated collegiate fund raising plans: Training, CASE statements, preparation for Capital Campaign, (TU).
- Naming Opportunities in new projects: Towson Center for the Arts, Liberal Arts Complex (TU).
- Gift for naming of Fisher College of Science and Mathematics, \$10M (TU).
- Restructured College development capability, increasing staff, extending responsibilities (U of L).
- Developed College based program for effective stewardship (U of L).
- Secured gift agreement from private foundation for \$3.5 M over six years to support for a visiting professor program in 23 departments and programs; developed phase 2 of the gift with a naming opportunity (U of L).
- Energized College role in annual campaign, developed materials for talking points, and met periodically with phone pool personnel (U of L).
- Developed and published *The Portal*, a College publication directed at external constituents and benefactors (U of L).
- \$3M gift over 5 years to Hite Art Institute for graduate student support, endowed professorship, renovation of art gallery (U of L).
- Reconstitution of A&S Alumni Council with focus on entrepreneurial plans.
- \$1M gift to endowed scholarships and faculty support, Program in Portugal (U of L).
- Gift of \$200K to match funds raised within the College to renovate the Honors student residence and learning center (U of L).
- \$100K gift for interdisciplinary masters program in Religious Studies (LUC).
- \$300K gift from Scholl Foundation for graduate student and conference support for Forum on the Child, 1997 and 1999 (LUC).
- 30 years of personal success in intra- and extramural funding of research program on auditory dysfunction.

## **Academic Profile**

### **SCIENTIFIC ORGANIZATIONS AND AFFILIATIONS**

American Association for the Advancement of Science, American Psychological Association (Fellow, Division 6, Behavioral Neuroscience and Comparative Psychology, 1998; Fellow, Division 1, The Society for General Psychology, 2002), Association for Psychological Science, Association of Research in Otolaryngology, Eastern Psychological Association, European Brain Research Society, International Society for Developmental Psychobiology, Massachusetts Psychological Association, Psychonomics Society (Fellow), Society for Neuroscience, Sigma Xi.

### **ADMINISTRATIVE ORGANIZATIONS**

American Jewish Committee, Project Interchange, Alumni Advisory Board, 2016-present; Washington Research Libraries Consortium, Board Chair (2010-2013), Vice Chair (2008-10); Council of Graduate Schools; Midwestern Association of Graduate Schools; Illinois Association of Graduate Schools (President, 1998-99; Vice President, 1997-98), Association of Graduate Schools in Catholic Colleges and Universities (President, 2000-01; Board of Directors, 1999-01); Association of American Medical Colleges, Group on Graduate Research, Education, and Training (1995-2000).

### **BOARD MEMBERSHIPS**

The Catholic University of America Board of Trustees, Academic Affairs Committee Secretary (2007-2014); Washington Research Library Consortium (2007-2014); The Catholic University of America Foundation (2008-2014); Catholic Research Resources Alliance, Leadership Council (2010-present); Board Advisors, Krakow Programs, Columbus School of Law, The Catholic University of America (2012-present); Loyola University Chicago, Board of Trustees, Committee on Catholic and Jesuit Identity (1996-2000); Board of Directors, Sister States Maryland/Lodz, Poland (2004-07); Board of Directors, Edith and Henry Heuser Hearing Institute, Louisville (2001-04); Academic Advisory Board, Cristo Rey Jesuit High School, Baltimore (2005-07).

### **COURSES TAUGHT**

Undergraduate: Introduction to Psychology, Elementary Statistics, Advanced Statistics, History and Systems, Experimental, Personality, Abnormal, Applied, Developmental, Educational, Learning and Memory, Physiological, Honors Seminar on Paradigm Shifts in Scientific Inquiry. Graduate: Advanced Experimental Design, Applied Statistics, History & Systems of Psychology.

### **RESEARCH INTERESTS**

Auditory Stimulus Control and Hearing Pathologies: Animal Models; Discrimination Learning; Ontogeny of acquired fear: Cortical/Behavioral Relationships; Pavlovian/Instrumental Interactions; History of Psychology.

### **RESEARCH GRANTS AND FELLOWSHIPS**

6/04 – 1/07: American Tinnitus Association, Subcontract "Recovery of sound induced tinnitus



- in rats," J. Brennan, Principal Investigator, under "Mapping Metabolic Brain Activity Related to Tinnitus," P. Jastreboff, Principal Investigator.
- 10/01-12/02: American Tinnitus Association, Subcontract, "Localizing Tinnitus-related Centers in the Brain," J. Brennan, Principal Investigator, under "Mapping Metabolic Brain Activity Related to Tinnitus," P. Jastreboff, Principal Investigator.
- 1/99-12/00: National Organization for Hearing Research, Attenuation of Salicylate Induced Tinnitus in Rats by Exogenous Calcium: A Behavioral Assessment Through Matching to Sample. J. Brennan, Principal Investigator.
- 1/97-12/99: NIH, National Institute on Deafness and Other Communication Disorders, Calcium Homeostasis and Tinnitus: An Animal Model (1R21 DC03252), J. Brennan, Principal Investigator.
- 12/88-11/95: NIH, National Institute of Neurological and Communicative Disorders and Stroke, Mechanism of Tinnitus (2R01 NS22024), Collaborative Project with Yale University and the University of Maryland Schools of Medicine, Dr. Pawel Jastreboff, Principal Investigator, J. Brennan and C. Sasaki, Co-Principal Investigators, 12/1/88-11/30/95.
- 1/94-7/94: Senior Research Fulbright Fellowship to support collaboration with the Behavioral Pathophysiological Section in the Laboratorio Fisiopatologia di Organo e di Sistema, Istituto Superiore di Sanità, Rome, Italy.
- 7/86-6/89: Miles Drug Company, Animal Model of Tinnitus Effects, Unrestricted Research Grant.
- 6/92: National Academy of Sciences, Project Development Grant, Nencki Institute of Experimental Biology, Warsaw, Poland.
- 1/87-1/90: Deafness Research Foundation, Behavioral Measures of Tinnitus Effects in rats, Renewed 1/88, 1/89.
- 9/83-8/84: Congressional Science Fellowship, American Psychological Association, for one year as a science advisor and aide to the U.S. Congress; administered by the American Association for the Advancement of Science.
- 2/81-7/81: National Academy of Sciences, Research Fellowship for three months of collaborative investigations at the Nencki Institute of Experimental Biology, Warsaw, and one month research visits to the Institute of Higher Nervous Activity, Moscow, and the Pavlovian Institute of Physiology, Leningrad.
- 4/81-5/81: University of Massachusetts at Boston and the MRC Unit, University College, London, Travel and Lecturer Grant.
- 4/79-7/79: National Academy of Sciences, Research Fellowship for four months of collaborative investigations at the Nencki Institute of Experimental Biology, Warsaw.
- 5/77-7/77: SUNY Research Foundation and the Polish Academy of Sciences, Travel Award and Stipend, for three months of collaborative research at the Nencki Institute of Experimental Biology, Warsaw.
- 7/76-7/77: National Science Foundation, Student Oriented Programs, Perception of the Horizontal by Hemiplegics: Toward a Systematic Comparative Model.
- 8/74-6/75: International Research Exchanges Board, Research Fellowship for ten months of

collaborative investigations at the Nencki Institute of Experimental Biology, Warsaw. (National Academy of Sciences, Research Fellowship for ten months of collaborative investigations at the Nencki Institute of Experimental Biology, declined.)

Various institutional grant awards from Loyola University Chicago, the University of Massachusetts, and the Research Foundation of the State University of New York.

## **PROFESSIONAL AND EDITORIAL SERVICE**

Collaboration in Basic Science and Engineering (COBASE) Review Panel (1992-1994), National Research Council, Office of International Affairs; Board of Editors, *Acta Neurobiologiae Experimentalis*; English Language Consultant, *Acta Physiologica Polonica*; Foreign Language Abstracting Program, *Psychological Abstracts*; Ad hoc reviewer for NSF, IREX, National Academy of Sciences, Prentice-Hall, *Animal Learning and Behavior*, *Developmental Psychobiology*.

Brennan, J.F. Instructions to authors. (1980, 1985, 1992). *Acta Neurobiologiae Experimentalis*, 40, 1017-1023; 45, 197-203; 52, 199-204.

## **PUBLICATIONS**

### **Books**

Brennan, J.F. & Houde, K. A. *History and Systems of Psychology*, 7<sup>th</sup> ed (2018). Cambridge, UK: Cambridge University Press.

Brennan, J.F. *History and Systems of Psychology*, (1982), 2<sup>nd</sup> ed (1986), 3<sup>rd</sup> ed (1991), 4<sup>th</sup> ed (1994), 5<sup>th</sup> ed (1998), 6<sup>th</sup> ed (2003). Upper Saddle River, NJ: Prentice-Hall, (1<sup>st</sup> edition reviewed in *Contemporary Psychology*, 1983, 28, 667-669; *Nature*, March, 1983; 2<sup>nd</sup> edition reviewed in *Contemporary Psychology*, 1988, 33, 41-42.).

Spanish Language Edition: Brennan, J.F. *Historia y Sistemas de la psicología*, 5<sup>o</sup> ed (1999), J.F.J. Dávila Martínez, Traducción; N.P. Cores Ayala, Revisión Técnica. Mexico: Prentice-Hall.

Brennan, J.F. & Houde, K.A. *Instructor's Guide to History and Systems of Psychology*, 7<sup>th</sup> ed (2018). Cambridge, UK: Cambridge University Press.

Brennan, J.F. *Instructor's Guide to History and Systems of Psychology*, (1982), 2<sup>nd</sup> ed (1986), 3<sup>rd</sup> ed (1991), 4<sup>th</sup> ed (1994), 5<sup>th</sup> ed (1998), 6<sup>th</sup> ed (2003). Upper Saddle River, NJ: Prentice-Hall.

Brennan, J.F. *Readings in the History and Systems of Psychology*, (1995), 2<sup>nd</sup> ed (1998). Upper Saddle River, NJ: Prentice-Hall.

Spanish Language Edition: Brennan, J.F. *Psicología Historia y Sistemas Lecturas, Segunda edición* (2000), J. L. Guitiérrez, Traducción; P. L. Aznar, Revisión Técnica. Mexico: Pearson Education.

Brennan, J.F. (1978). A Guide for the Preparation of Scientific Reports in English for Polish-speaking Researchers. *Acta Physiologica Polonica*. No. 16, Supplement, 46 pp.

### **Editor**

Żernicki, B., Zieliński, K., Brennan, J.F., Gerstein, G., & Łukaszewska, I. (eds) (1979). Proceedings of the Warsaw Colloquium on Instrumental Conditioning and Brain Research. Part A. *Acta Neurobiologiae Experimentalis*, 39, 371-704.

Żernicki, B., Zieliński, K., Brennan, J.F., & Łukaszewska, I. (eds) (1980). Proceedings of the Warsaw Colloquium on Instrumental Conditioning and Brain Research. Part B. *Acta Neurobiologiae Experimentalis*, 40, 1-499.

McGovern, L.P., Wyly, M.V., & Brennan, J.F. (eds) (1975). *Introduction to Psychology at SUCB: A Manual and Reader*. Lexington, MA: Xerox Publishers, 248 pp.

### **Book Chapters** (chronological order)

Brennan, J.F. (1980). Prefrontal cortical effects on aversively motivated instrumental conditioning in rats: Some ontogenic considerations. In B. Żernicki and K. Zieliński (eds) *The Warsaw Colloquium on Instrumental Conditioning and Brain Research*. The Hague: Martinus Nijhoff Publishers, 339-368.

Jastreboff, P.J., Brennan, J.F. & Sasaki, C.T. (1987). Behavioral and electrophysiological animal model of tinnitus. *Proceedings of the 3rd International Tinnitus Seminar*, H. Feldmann (ed.), Karlsruhe FRG: Hersch Verlag, 95-99.

Jastreboff, P.J. & Brennan, J.F. (1988). Specific effects of nimodipine on the auditory system. In R.M. Vanhoutte, R. Pooletti & S. Govoni (Eds) *Calcium Antagonists: Pharmacology and Clinical Research. Annals of the New York Academy of Sciences*, 522, 716-718.

Jastreboff, P.J. & Brennan, J.F. (1992). Animal model of tinnitus: Recent developments. In J.M. Aran & R. Dauman (eds) *Proceedings of the Fourth International Tinnitus Seminar*. Amsterdam/New York: Kugler Publishers, 283-292.

Jastreboff, P.J. & Brennan, J.F. (1992). The psychoacoustical characteristics of tinnitus in rats. In J. M. Aran & R. Dauman (eds) *Proceedings of the Fourth International tinnitus Seminar*. Amsterdam/New York: Kugler Publishers, 305-308.

Jastreboff, P.J., Nguyen, Q., Brennan, J.F., & Sasaki, C.T. (1992). Calcium and calcium channel involvement in tinnitus. In J.M. Aran & R. Dauman (eds) *Proceedings of the Fourth International Tinnitus Seminar*. Amsterdam/New York: Kugler Publishers, 109-114.

Jastreboff, P.J., Brennan, J.F. (1996). Mechanisms of L-type calcium channel antagonist on tinnitus. *Proceedings of the Fifth International Tinnitus Seminar 1995*, eds. G. E. Reich and J. A. Vernon, American Tinnitus Association, Portland, Oregon, pp. 234-236.

Jastreboff, P.J., Brennan, J.F., Jastreboff, M.M., Hu, S., Zhou, S., Chen, G.D., Gryczynska, U., Kwapisz, U. (1996). *Recent findings from an animal model of tinnitus. Proceedings of the Fifth International Tinnitus Seminar 1995*, eds. G. E. Reich and J. A. Vernon, American Tinnitus Association, Portland, Oregon, pp. 114-126.

**Journal Articles** (chronological order)

Brennan, J.F. (1969). Running speed in the dominance tube. *Psychonomics Science*, 14, 118.

Brennan, J.F. (1969). Effects of maze experience on dominance hierarchies in rats. *Psychonomics Science*, 17, 288.

Rohrbaugh, M., Brennan, J.F. & Riccio, D.C. (1971). Control of two-way shuttle avoidance in rats by auditory frequency and intensity. *Journal of Comparative and Physiological Psychology*, 75, 324-330.

Brennan, J.F. & Riccio, D.C. (1972). Persistence of dynamism effects in rats following auditory intensity differentiation. *Learning and Motivation*, 3, 259-271.

Brennan, J.F. & Riccio, D.C. (1972). Stimulus control of shuttle avoidance in young and adult rats. *Canadian Journal of Psychology*, 26, 361-373.

Brennan, J.F. & Riccio, D.C. (1972). Stimulus generalization along dimensions of an active avoidance CS in young rats. *Psychonomic Science*, 12, 179-182.

Brennan, J.F. & Riccio, D.C. (1973). Stimulus control of avoidance behavior in rats following differential or nondifferential Pavlovian training along dimensions of the CS. *Journal of Comparative and Physiological Psychology*, 85, 313-323.

Wilson, L.M., Phinney, R.K. & Brennan, J.F. (1974). Age-related differences in avoidance behavior in rats following CS preexposures. *Developmental Psychobiology*, 7, 421-427.

Brennan, J.F. & Riccio, D.C. (1975). Stimulus generalization of suppression in rats following aversively motivated instrumental or Pavlovian training. *Journal of Comparative and Physiological Psychology*, 88, 570-579.

Brennan, J.F. (1975). Edmund Burke Delabarre and the petroglyphs of Southeastern New England. *Journal of the History of the Behavioral Sciences*, 11, 107-122.

Brennan, J.F. (1975). Differential response gradients to a Pavlovian safety signal following

active avoidance training in young and adult rats. *Animal Learning and Behavior*, 3, 277-281.

Brennan, J.F., Kowalska, D. & Zieliński, K. (1975). Prefrontal effects on auditory generalization of appetitively motivated instrumental responses in dogs. *Acta Physiologica Polonica*, 26, 83.

Brennan, J.F. & Barone, R.J. (1976). Effects of differential cue availability in an active avoidance CS in young and adult rats. *Developmental Psychobiology*, 9, 237-244.

Brennan, J.F., Kowalska, D. & Zieliński, K. (1976). Auditory frequency generalization with differing extinction influences in normal and prefrontal dogs trained in alimentary reflexes. *Acta Neurobiologiae Experimentalis*, 36, 475-516.

Brennan, J.F., Kowalska, D. & Zieliński, K. (1977). Prefrontal effects of auditory generalization of appetitively instrumental responses in dogs. *Activitas Nervosa Superior*, 19, 77-79.

Brennan, J.F., Powell, E.A. & Vicedomini, J.P. (1977). Differential effects of dorsomedial prefrontal lesions on active and passive avoidance in young and adult rats. *Acta Neurobiologiae Experimentalis*, 37, 151-177.

Brennan, J.F. & Riccards, M.P. (1977). A post-Watergate examination of political cynicism. *Social Science Record*, 15, 12-14.

Brennan, J.F. (1979). Prefrontal lesion effects on suppression of open field activity in young and adult rats. *Physiological Psychology*, 7, 333-338.

Brennan, J.F. (1979). Differential extinction of 2-way active avoidance in young and adult rats. *Developmental Psychobiology*, 12, 27-37.

Brennan, J.F. (1979). Prefrontal cortical effects on aversively motivated instrumental conditioning in rats: Some ontogenic considerations. *Acta Neurobiologiae Experimentalis*, 39, 413-442.

Zieliński, K., Brennan, J.F. & Kowalska, D. (1979). Auditory frequency generalization in normal and prefrontal dogs trained in varieties of avoidance reflexes. *Acta Neurobiologiae Experimentalis*, 39, 285-311.

Brennan, J.F. & Zieliński, K. (1980). Science in Poland: The Nencki Institute of Experimental Biology. *Pavlovian Journal of the Biological Sciences*, 16, 118-123.

Kowalska, D., Zieliński, K. & Brennan, J.F. (1981). Differentiation and generalization of defensive reflexes in normal and prefrontal dogs after extensive avoidance training. *Acta Neurobiologiae Experimentalis*, 41, 403-422.

Brennan, J.F., Kowalska, D. & Zieliński, K. (1982). Stimulus control of instrumental reflexes in dogs: A comparison of alimentary and avoidance behaviors after prefrontal lesions. *Acta Neurobiologiae Experimentalis*, 42, 1-28.

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