

CURRICULUM VITAE 2017



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LinkedIn: <https://www.linkedin.com/in/max-stanley-chartrand-1b594316/>

Website: drmaxchartrand.org

Academic Rank: Associate Professor Northcentral University (NCU)
Chair, Doctoral Research Committees (NCU)

BIOSKETCH SUMMARY:

Dr. Chartrand serves on the Council of Nutritional and Environmental Medicine, the Federal & State Advocacy Committee of the International Hearing Society, and Arizona State Licensing Committee for Speech Pathologists, Audiologists, and Hearing Aid Providers. He is also a professional member of the Society of Behavioral Medicine, National Speakers Association, and has served on the Advisory Committees of the American Tinnitus Association, the Better Hearing Institute, Audiology Online, Speech Pathology Online.

He is a professor of Behavioral Medicine and has served on numerous research committees relative to human health and the hearing sciences. Today, he serves as Managing Director of DigiCare Behavioral Research, headquartered in Casa Grande, Arizona. In 1994, he was recipient of the Joel S. Wernick *Excellence in Education Award*, and has published and lectured extensively throughout the world over the past four decades. He has earned a B.A. (1971) in Music Education and a Bachelor of Science (2003), a Masters in Health Administration (1983) and a Masters in Health Psychology (2004); and a doctorate in Health & Human Services: Research in Communicative Disorders (1994), and a doctorate in Behavioral Medicine (2007).

At age three he became severely hearing impaired and later profoundly deaf. He utilized hearing aid and assistive technology for many years until cochlear implant technology and assistive devices were advanced enough to accommodate his profound deafness.

He is also a noted performing musician in symphony orchestras and jazz bands going back to the 1960s. Although he plays most instruments, the clarinets and saxophones are his main instruments, and has made several albums and CDs over the years. Today, he leads and writes for a regional jazz band that is comprised of professionals, semi-professionals, and student musicians. He avidly and actively promotes music education in children's education as the best way to overcome learning disorders and help all children develop their full cognitive and spatial potential.

His research interests and expertise include: Mitigation of Alzheimer’s and other dementias; overcoming fibromyalgia and other neuropathies; human breathing disorders; child development and learning disorders; reversing diabetes type two and pancreatitis; understanding side effects, interaction effects, and withdrawal effects in pharmacology; overcoming osteo- and rheumatoid arthritis and bone disorders; human rehabilitation through DNA, telomere, mitochondria, and adult stem cell science; wellness biomarker assessment via video otoscopy; occupational sciences and therapy; nanoparticle therapy in various forms of cancer; communicative disorders and hearing health; and multimodal management of tinnitus.

CERTIFICATIONS/MEMBERSHIPS:

National Board for Certification Hearing Instrument Sciences (1984)	Certification
Society of Behavioral Medicine (2006-present)	Professional Member
UT-Dallas, Advanced Statistical Presentations (1995)	Certificate
International Hearing Society (1981-present)	Certified Member
DigiCare Behavioral Research (2002)	Certified Tinnitus Consultant
Collaborative Institutional Training Initiative (CITI)-Social & Behavioral Sciences (2006, 2008, 2010, 2012)	Certificate
Certificate in Homeopathy- Penn Foster College (2012)	Certificate
National Speakers Association (2012-Current)	CSP Candidate
Council on Nutritional and Environmental Medicine (2013-)	Membership Secretary

HIGHER EDUCATION:

<i>Northcentral University</i>	Doctor of Philosophy	2007
Health Psychology/Behavioral Medicine Program		
<i>Northcentral University</i>	Master of Arts	2005
Health Psychology (Special Ed subspecialty)		
<i>Charter Oak State College</i>	Bachelor of Science	2003
<i>Utah State University</i>	Contract Law	1977
<i>Arapahoe Junior College</i>	General Education	1966
<i>Metropolitan State University-Denver</i>	Music Education	1967-1970
<i>University of Denver</i>	Music Education	1966-1967

(Note: the above is only a partial listing of post secondary education; in total: 2 bachelor degrees, 2 master degrees, and 2 doctorates; the first doctorate in Communicative Disorders/Health & Human Services, the second in Behavioral Medicine/Health Psychology)

PROFESSIONAL MEMBERSHIPS/APPOINTMENTS

Professional Member, Society of Behavioral Medicine
Professional Member, International Positive Psychology Association
Professional Member, Council on Nutritional and Environmental Medicine
Professional Member, International Hearing Society
Industry Advisor, US Food & Drug Administration (re Commissioner Dr. David Kessler)
Member, Hearing Health Providers, Arizona
Advisory Board Member, Audiology Online

Advisory Board Member, Speech Pathology Online

Advisory Board Member, American Tinnitus Association
Advisory Board Member, Better Hearing Institute
Peer Reviewer, Audiology Online
Peer Reviewer, Speech Pathology Online
Peer Reviewer, The Hearing Professional
Peer Reviewer, Translational Behavioral Medicine (PubMed)
Peer Reviewer, Journal of Natural Foods (PubMed)
Peer Reviewer, Research on Aging (PubMed)
Peer Reviewer, Biomedicine and Pharmacotherapy (PubMed)
Peer Reviewer, Head & Neck Surgery
Peer Reviewer, Otolaryngology
Conference Moderator, OMICs Scientific Group
Board Member: Texas Board of Examiners in the Fitting & Dispensing of Hearing Instruments
Committee Member- AZ Licensing Board for Audiologists, Speech Pathologists, and Hearing Aid Providers

CLINICAL EXPERIENCE:

Consulting in hearing health, audiology, occupational therapy, wellness counseling, and otolaryngology settings over the span of nearly 40 years, plus owned and operated for 30+ years multi-office hearing health and occupational therapy practices. Also, as Behavioral Medicine Consultant for the SIRCLE Wellness Project (2009-present)

TEACHING EXPERIENCE :

Faculty (Associate Professor/Adjunct Online Mentor), NCU 2006-2012

Faculty, American Conference of Audioprosthology (ACA) (1995-2003)

Guest lecturer (1980-present):

University of Illinois-Chicago at the following schools--

University of California-Davis, Sacramento, CA

George Washington University- Washington, DC

Texas Woman's University- Denton, TX,

Washington University- St. Louisiana, MO

Colorado State University- Pueblo, CO

Tarrant County Jr. College- Fort Worth, CO

Texas Tech University- Lubbock, TX

University Texas- Dallas, TX

Baylor University- Houston, TX

University of Minnesota- Minneapolis, MN

University of Nevada- Las Vegas

University of South Dakota- Sioux Falls, SD

University of Pennsylvania- Philadelphia, PA

University of Calgary- Calgary, CN

University of Pittsburgh- Pittsburgh, PA

University of Cincinnati- Cincinnati, OH

Ohio State University- Columbus, OH

University of Utah- Salt Lake City, UT

Continuing Education Instructor (>10,100 hours from 1978 to present):

International Institute for Hearing Instruments Studies (IIHIS)
American Academy of Audiology (AAA)
American Speech-Language Hearing Association (ASHA)
Japanese International Hearing Society
Speech Pathology, Occupational Therapy, and other professions
Multiple Medical and Nursing Associations
And State/Provincial affiliates of each of the above

Exam Writer (1993-2000), IIHIS Uniform Practical Licensure Examination, California Licensing Board Exam, Kansas Licensing Board Exam, Texas Licensing Exam, Arizona Licensing Exam, Item Writer-NBC-HIS, various graduate level courses in Behavioral Medicine, Health Psychology, Audiology, and Psychology.

ADMINISTRATIVE & PROFESSIONAL EXPERIENCE:

January 10, 2009- current: Wellness/Behavioral Medicine Consultant
SIRCLE Occupational Therapy & Wellness Clinic
820 West Cottonwood Lane, Suite 6
Casa Grande, AZ 85122

Responsibilities involve overseeing and conducting of research, development of assessment and program protocols, staff training, consumer education, child development and adult rehabilitation, and behavioral medicine consultation.

November, 2006–2012: Associate Professor- Behavioral Medicine
Northcentral University
School of Behavioral & Health Sciences
10000 University Drive
Prescott Valley, AZ 86314

Responsibilities include teaching (mentoring) graduate level courses for the School of Behavioral & Health Sciences, and the full dissertation track courses, chairing research committees, subject matter expert for course syllabi.

September, 2001-2010: Managing Director, CEO
DigiCare Research & Rehabilitation
6685 Highway 165-P.O. Box 19610
Colorado City, CO 81069

Responsibilities include management of a staff of 17, oversight of clinical activities, reports, research activities, writing and publishing, and on-going staff training. This is a multidisciplinary practice that includes occupational health, auditory rehabilitation, and behavioral health, which is involved in several research projects for the hearing industry.

June, 1978-Present: Director of Research
Aural Rehab Concepts (Now "DigiCare Behavioral Research")
Post Office Box 706
Rye, CO 81069

Note: Aural Rehab Concepts is an ongoing continuing education and publishing arm of DigiCare Research & Rehabilitation that co-mingles many of its projects with the larger firm. Accredited CE and MCE courses are created and offered to the health care professions through ARC. Writing and evaluation of examinations for licensure, as well as consultation for state licensing boards, state attorneys general, and the United States Food & Drug Administration. Guest consulting and in-service training seminars throughout the world are also ongoing services of ARC.

June, 1998-2001: Vice President/Professional Training & Marketing
AmericanEar Laboratories, Inc.
Las Vegas, NV

Major responsibilities included managing all activities supporting manufacturing of hearing devices, including education and training of accounts, technology research and development, writing and publishing materials. Introduced digital technology and training for its applications was also a major responsibility of this position.

June, 1994-June 1998: Manager of Network Audiology Program
Cochlear Corp (Now "Cochlear Americas")
Englewood, CO

Responsibilities include setting up and training staff of cochlear implant centers throughout North America and their respective referral networks that identified potential cochlear implant recipients. Ninety four regional seminars were conducted to bring together the local implant enters, their referral networks, and the deaf and severely hearing impaired population to advance cochlear implantation and introduce proprietary technological applications for the deaf.

March, 1992-June, 1994: Director of Special Projects
Starkey Laboratories, Inc.
Eden Prairie, MN

Duties were to head up market and applications research to introduce new diagnostic technologies to end-user professionals (dispensers, audiologists, and physicians). Also, writing of industry journal articles, textbooks, and serve as editor-in-chief of *Practical Applications*, an ongoing industry publication.

August, 1982-March, 1992: President & CEO

Unimax Hearing Instruments, Inc.
Gainesville, TX

Responsibilities include management and corporate organization of 90 employees and a manufacturing plant for hearing aids, sound control equipment, and tinnitus instruments. Much of focus in this capacity was in research and development, and in bringing to market new technologies and applications. A great deal of writing and publishing was produced during this period (10 published books, hundreds of articles).

(Information on other administrative positions and employment going back to the 1960s available upon request)

OTHER PROFESSIONAL EXPERIENCE:

Professional Level Speaker, National Speaker Association (CSP Candidate)
Exam Writer, IIHIS Uniform Practical Licensure Examination (1993-2000)
Industry Advisor, U.S. Food and Drug Administration, Hearings Panel (1993-2001)
Industry Advisor, Healthcare Equity Action League (HEAL), Washington, DC
Guest Lecturer at many universities (see partial listing above)

PROFESSIONAL/SCIENTIFIC ARTICLES (PubMed and Non-PubMed peer reviewed): (this is small sample listing of published my works-these are mostly professional & trade journals in the hearing health field—complete listing dating back to circa 1980)

Chartrand, M.S. (1999, September). Psychosocial dynamics: Preventing failed fittings before they begin. *The Hearing Journal*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/theHearingJournal/article_detail.asp?article_id=1110.

Chartrand, M.S. (2000, July). Consumer education: It's the key to awakening a sleeping market. *The Hearing Journal*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/theHearingJournal/article_detail.asp?article_id=1020.

Chartrand, M.S. (2001). *The Over-Diagnosis of Alzheimer's Disease in Patients with Hearing Impairment*. Presented at the American Academy of Audiology, 2001 Annual Conference, Pennsylvania, PA.

Chartrand, M.S. (2002, July). The Absence of Hearing Healthcare in a So-Called "Tidal Wave of Alzheimer's Cases". *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=352.

Chartrand, M.S. (2002). Video otoscopy observations of 960 patients using Miracell botanical solution. Retrieved on December 3, 2006, from <http://www.digicare.org/Miracell.asp>.

Chartrand, M.S. (2003, February). But What's Wrong with Q-Tips? *Audiology Online*. Retrieved on May 12, 2006, from <http://www.audiologyonline.com/articles/>

[article_detail.asp?article_id=407](http://www.audiologyonline.com/articles/article_detail.asp?article_id=407).

- Chartrand, M.S. (2003). Video Otoscopy Observation and Referral: The FDA Red Flags. *The Hearing Professional*, January-February, pp: 9-14.
- Chartrand, M.S. (2003, March). User Volume Controls: Fit(tings) to be Tied! *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=410.
- Chartrand, M.S. (2003, July). Diabetes Mellitus and Hearing Health 2003. *Audiology Online*. Retrieved on May 17, 2006, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=458.
- Chartrand, M.S. (2003, September). ADHD and Kids: What is Going On? *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=489.
- Chartrand, M.S., and Chartrand, G.A. (2004). If A Tree Fell in the Forest: What's Really Holding Back the Market? *The Hearing Review*, 10(10): 21-23.
- Chartrand, M.S. (2004). Diabetes Mellitus II & Hearing Health 2004. *American Academy of Audiology*, Annual Proceedings, Salt Lake City, UT.
- Chartrand, M.S. (2004, January-February). Ethical Dilemmas in Dispensing Practice. *The Hearing Professional*.
- Chartrand, M.S. (2004, July-August). The Importance of the Keratin Layer in Successful Fitting and Treatment. *The Hearing Professional*, pp. 14-18.
- Chartrand, M.S. (2005, May). Identifying "Neuroreflexes" of the External Ear Canal. *Audiology Online*, retrieved on November 29, 2005 at http://www.audiologyonline.com/articles/arc_disp.asp?article_id=1374.
- Chartrand, M.S. (2005, April). Tinnitus Loudness Perception in Precipitous HF Losses. *AudiologyOnline*, retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1359.
- Chartrand, M.S. (2005, May). Effectiveness of Hearing Aid Manipulation Training for Very Elderly Hearing Aid Users. *AudiologyOnline*. Retrieved on January 29, 2006, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1400.
- Chartrand, M.S. (2005, May). Identifying "Neuroreflexes" of the External Ear Canal. *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1374.

- Chartrand, M.S. (2005, December). Undiagnosed Pre-Existing Hearing Loss in Alzheimer's Disease Patients? *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1502.
- Chartrand, M.S., and Chartrand, G.A. (2006, March). Resolving a Root Cause of Failure to Fit: Reexamining the Ear Canal. *The Hearing Review*.
- Chartrand, M.S. (2006, March). Pollin's Crisis Counseling Approach Applied to a Case of Sudden Deafness. *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1543.
- Chartrand, M.S. (2007, July). An Exploration of Psychological & Physiological Causes for Failure to Fit. *AudiologyOnline*, retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1841.
- Chartrand, M.S. (2007, September). Indiana Jones & the Lost Art of Tuning Fork Testing. *AudiologyOnline*. Retrieved on May 22, 2009, from http://www.audiologyonline.com/articles/article_detail.asp?article_id=1871.
- Chartrand, M.S. (2008, May). What Helen Keller Knew, What Public Often Overlooks. *The Hearing Review*, retrieved on May 22, 2009, from http://www.hearingreview.com/issues/articles/2008-05_02.asp?frmTagFilePath=%2Fpatient_care.asp.
- Moliver, N., Mika, E. M., **Chartrand**, M. S., Burrus, S. W., Haussmann, R., & Khalsa, S. B. S. (2011). Body mass index and medication use among women over 45 with a long-term Hatha yoga practice. *International Journal of Yoga*, 4.
- Moliver, N., Mika, E. M., **Chartrand**, M. S., Burrus, S. W., Haussmann, R., & Khalsa, S. B. S. (2011, July 23-25). Dose Response of Yoga Experience on Wellness on Women Over 45: An Observational Cross-Sectional Study. *Second World Congress on Positive Psychology*, International Positive Psychology Association, Proceedings (Poster Session).
- Lloyd, Sandra J., Malek-Ahmadi, Michael, Barclay, Kathleen, Fernandez, Miguel R., **Chartrand**, Max Stanley (2012). Emotional intelligence (EI) as a predictor of depression status in older adults. *Archives of Gerontology and Geriatrics*, Volume 55, Issue 3, November–December 2012, Pages 570-573
- Chartrand, M.S. (2014, March). *Video Otoscopy: A Quantitative View of the Relationship between External Ear Keratin Status and Success in Adaptation to Hearing Aids*. Orlando, Florida: American Academy of Audiology, Clinical & Instructional Poster Session.

Temperament and Sensory-Processing Behaviors in Young Children. *Personality Differences and Individual Differences*, (in press).

Heshu SR, Hemn HO, Abdullah R, Chartrand MS, Zeenathul NA, Zahra A, Mahnaz H, Nozlana AS (2014). Isolation, Purification and Evaluation of Anticancer Principle From *Zingiber Zerumbet*. Proceeding of Cancer Research Poster Competition in Conjunction with World Cancer Day 2014. Universiti Putra Malaysia, 9th – 10th May 2014, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Serdang, Selangor, Malaysia. (Poster presentation)

Heshu SR, Abdullah R, Hemn HO, Chartrand MS, Ahmad Bustamam A, Zahra A, Mahnaz H, Nozlana, AS. (2014). In Vivo Assessment of Nanostructured Lipid Carrier for Oral Delivery of Zerumbone in Leukemic Mice Model. Proceeding of Cancer Research Poster Competition in Conjunction With World Cancer Day 2014. Universiti Putra Malaysia, 9th – 10th May 2014, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Serdang, Selangor, Malaysia. (Poster presentation)

Namvar F, Rahman HS, Mohamad R, Chartrand, MS, et al. Cytotoxic effect of magnetic iron oxide nanoparticles synthesized via seaweed aqueous extract. *Int J Nanomedicine*. In press 2014.

Hosseinpour, M, Abdul, AB, Rahman, HS, Rasedee, A, Yeap, SE, Ahmadi, N, Othman, HH, Chartrand, MS (2014). Comparison of Apoptotic Inducing Effect of Zerumbone and Zerumbone-Loaded Nanostructured Lipid Carrier on Human Mammary Adenocarcinoma MDA-MB-231 Cell Line. *Journal of Nanomaterials*. 12/2014; 14(9):15. DOI: 10.1155/2014/742738.

Namvar, F., Sulaiman, H., Mohamad, R., Abdullah, R., Yeap, S.K., Chartrand, M.S. et al. (2015). Apoptosis Induction in Human Leukemia Cell Lines by Gold Nanoparticles Synthesized Using the Green Biosynthetic Approach. *Journal of Nanomaterials* 2015(1):1-10 · September 2015, DOI: 10.1155/2015/642621.

Chartrand, M.S. (2015). Understanding Breathing Disorders (Conference Paper). *ResearchGate.com*, found on September 10, 2015 at https://www.researchgate.net/publication/281464175_Understanding_Breathing_Disorders.

Othman, H.H., Mustapha, M., Rahman, H.S., and Chartrand, M.S. (2015). Antihypercholesterolemic and antioxidant efficacies of zerumbone on the formation, development, and establishment of atherosclerosis in cholesterol-fed rabbits. *Drug Design, Development and Therapy* 9:4173–4208 · August 2015.

Rahman, H.S., Abdullah, R., How, C.W., Zeenathul, N.Z., Chartrand, M.S., et al. (2015). Antileukemic effect of zerumbone-loaded nanostructured lipid carrier in WEHI-3B cell-

induced murine leukemia model. *International Journal of Nanomedicine* 10:1649-1666 · March 2015, DOI: 10.2147/IJN.S67113

Namvar, F., Rahman, H.S., Mohamad, R., Yeap, S.K., Chartrand, M.S., et al. (2015). Cytotoxic Effects of Biosynthesized Zinc Oxide Nanoparticles on Murine Cell Lines. *Evidence-based Complementary and Alternative Medicine* 2015 · February 2015, DOI: 10.1155/2015/593014

Bjorklund, G., and Chartrand, M.S. (2016). Nutritional and Environmental Influences in Autism Spectrum Disorder. *Journal of Nutritional Disorders and Therapies*, 2016, 6: <http://dx.doi.org/10.4172/2161-0509.1000e123>.

Dyary, H., Salaimain, H., Chartrand, M.S., (2016). Advancements in the Ebola virus disease. *Journal of Pediatric Infectious Diseases* 1(3:22):1-5 · September 2016.

Chartrand, M.S. (2016). Septic Keratosis Obturans: A Stealth Public Health Threat. *Otolaryngology (Sunnyvale)* 2016, 6:6, DOI: 10.4172/2161-119X.1000283.

Bjorklund, G., Chartrand, M.S., and Aaset, J. (2017), Manganese Exposure and Neurotoxic Effects in Children. *Environmental Research* 155:380-384, May, 2017. DOI: 10.1016/j.envres.2017.03.003

Saadatpour, Z., Rezaei, A., Ebrehimnejad, H., Baghaie, B., Bjorklund, G., Chartrand, M.S., et al. (2017). Imaging Techniques: New avenues in cancer gene and cell therapy. *Cancer Gene Therapy* 24(1):1-5 · January 2017, DOI: 10.1038/cgt.2016.61.

PROFESSIONAL/SCIENTIFIC BOOKS, BOOK CHAPTERS, EDITED BOOKS, AND INSTRUCTIONAL MANUALS, ETC --- (partial listing)

Published Textbooks & Manuals (Partial Listing Only)

Chartrand, M.S. (1987). *Psychology of the Hearing Impaired: An Introduction*. Gainesville, TX: Unimax Publications.

Chartrand, M.S. (1988). *Basic Training Manual for Successful Hearing Instrument Dispensing, 2nd edition*, Gainesville, TX: Unimax Publications.

Chartrand, M.S. (1988). *The Case for the Professional Hearing Instrument Dispenser*. Gainesville, TX: Unimax Publications.

Chartrand, M.S. (1989). *Hearing Instrument Repair & Modification for Dispensers*. Gainesville, TX: Unimax Publications.

Chartrand, M.S. (1989). *Hearing Instrument Counseling: Practical Applications in Counseling the Hearing Impaired, 1st edition*. Livonia, MI: National Institute for Hearing Instruments Studies.

- Chartrand, M.S. (1990). *Hearing Instrument Counseling: Practical Applications in Counseling the Hearing Impaired. Japanese edition*. Kobe, Japan: Japanese Chapter of International Hearing Society.
- Chartrand, M.S. (1991). *Public vs Private: Which Serves the Hearing Impaired Market Best?*. Gainesville, TX: Unimax Publications.
- Chartrand, M.S. (1991). *The Magic of Telemarketing II in Dispensing Practice*. Gainesville, TX: Unimax Publications.
- Chartrand, M.S. (1993). *Otocopy in the Modern Hearing Instrument Practice*. Eden Prairie, MN: Starkey Laboratories, Inc.
- Chartrand, M.S. (1996). Psychosocial Principles of Hearing Impairment, in *Hearing Instrument Science & Fitting Practices, 2nd edition*. Robert E. Sandlin, ed. Livonia, MI: National Institute for Hearing Instruments Studies.
- Chartrand, M.S. (1999). *Hearing Instrument Counseling: Practical Applications in Counseling the Hearing Impaired, 2nd edition*. Livonia, MI: International Institute for Hearing Instruments Studies.
- Popp, P., & Hackett, G. (2002). *The Hearing Healthcare Practitioner's Handbook*. Foreword. Windsor, CA: North American Institute for Auditory Prosthetics.
- Chartrand, M.S. (2007). *Multimodal Tinnitus Management Training Notebook*. Colorado City, CO: DigiCare Professional Education.
- Morris, R. (2007). *On the Job with Hearing Loss: Hidden Challenges, Successful Solutions*. Foreword. Florence, KY: Bluegrass Press. (Reviewer/Foreword)
- Chartrand, M.S. (2010). *Video Otoscopy: A Quantitative View of the Relationship between External Ear Keratin Status and Success in Adaptation to Hearing Aids*. DigiCare Behavioral Research, ISBN13 978-0-9827756-0-8.
- Chartrand, M.S. (2010). *Video Otoscopy Biomarker Assessment Photographic Atlas*. DigiCare Behavioral Research.
- Chartrand, M.S. (2010). *How to Overcome ADHD & Other Learning Disabilities, First Edition*. Casa Grande, AZ: DigiCare Behavioral Research.
- Chartrand, M.S. (2016). *How to Overcome ADHD & Other Learning Disabilities, Enlarged Second Edition* (ebook). Amazon Books, found on March 13, 2017, at https://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=max+chartrand+.

Chartrand, M.S. (2016). *How to Get Your Health Back & Take Ownership of Your Life, 2nd edition*. Casa Grande, AZ: DigiCare Behavioral Research.

PROFESSIONAL PRESENTATIONS/WORKSHOPS --- REFEREED ONLY: (partial listing)

Chartrand, M.S. (2002). Alzheimers Disease & Hearing Loss. *American Academy of Audiology, Annual Proceedings*, Philadelphia, PA.

Chartrand, M.S. (2004). Diabetes & Hearing Health 2004. *American Academy of Audiology, Annual Proceedings*, Salt Lake City, UT.

Chartrand, M.S. (2014, March). *Video Otoscopy: A Quantitative View of the Relationship between External Ear Keratin Status and Success in Adaptation to Hearing Aids*. Orlando, Florida: American Academy of Audiology, Clinical & Instructional Poster Session.

Moliver, N., Mika, E. M., Chartrand, M. S., Burrus, S. W., Haussmann, R., & Khalsa, S. B. S. (2011, July

23-25). Dose Response of Yoga Experience on Wellness on Women Over 45: An Observational Cross-Sectional Study. *Second World Congress on Positive Psychology*, International Positive Psychology Association, Proceedings (Poster Session).

PROFESSIONAL PRESENTATIONS/WORKSHOPS (Partial Listing of about 10,200 CEUs of lecture since 1978)

Chartrand, M.S. (2003). *Audition, Cognition & the Human Brain*. A Powerpoint CE lecture for dispensers, audiologists, and otologists. Rye, CO: Aural Rehab Concepts

Chartrand, M.S. (2004). *The Lost Art of Tuning Fork Testing in Dispensing Practice*. Rye, CO: Aural Rehab Concepts.

Chartrand, M.S. (2006). *An Integrative Approach to Hearing Aid Practice*. A Powerpoint CE lecture for dispensers, audiologists, and otologists. Rye, CO: Aural Rehab Concepts.

Chartrand, M.S. (2006). *Utilization of Neurophysiology of the External Auditory Canal in Resolving Problem Hearing Aid Fittings*. International Institute for Hearing Instruments Studies, Livonia, MI.

Chartrand, M.S. (2008). Alzheimers Prevention Workshop. A Powerpoint lecture for consumers and professionals. Rye, CO: Aural Rehab Concepts.

Chartrand, M.S. (2008). Neurophysiology, Video Otoscopy, and Auditory Rehabilitation. A Powerpoint CE lecture for dispensers, audiologists, and otologists. Rye, CO: Aural Rehab Concepts.

Chartrand, M.S. (2009). How to Overcome & Prevent Diabetes Mellitus II. DigiCare Behavioral Research, given at various locations.

Chartrand, M.S. (2009). *Certification & Licensing Exam Prep Course 2009* (updated each year since 1987). Powerpoint CE Course, accredited through Livonia, MI: International Institute for Hearing Instruments Studies.

Chartrand, M.S. (2010). Motivating & Raising QOL Perceptions in an Entrenched Hearing Impaired Market. *Wisconsin Alliance of Hearing Professionals*, Proceedings January 8,

2010, Wisconsin Dells, WI.

- Chartrand, M.S. (2010). Ethics & Professionalism in Dispensing Practice. *Wisconsin Alliance of Hearing Professionals*, Proceedings January 9, 2010, Wisconsin Dells, WI.
- Chartrand, M.S. (2011). Alzheimer's Disease and Hearing Loss: A New Paradigm. Association of Hearing Instrument Providers, Proceedings May 4, 2011, Niagra Falls, Ontario, Canada.
- (Keynote lectures during on various topics during 2011: Alzheimer's, Video Otoscopy Biomarkers, Tinnitus Management, were given for 12 state and national associations, including Ireland, Canada, and Japan).

Committee Chair for Doctoral Research Projects (sampling from 29 projects):

- Amador, B. (2011). Relation of Physical and Sexual Abuse to Limbic Function and Sociomoral Reasoning in Male Sex Offenders, Dissertation, Max S. Chartrand, Ph.D., Committee Chair, Northcentral University, http://library.ncu.edu/ncu_diss/display_abstract.aspx?dissertation_id=1109 (ProQuest)
- Diamant, R. B. (2011, April). *Exploration of the Relationships Between Temperament and Sensory Processing Behaviors in Parent-Child Dyads*, Dissertation, Max S. Chartrand, Ph.D., Committee Chair, Northcentral University, <http://gradworks.umi.com/3458588.pdf> (ProQuest).
- Emery, B. (2011, October). *Neurocognitive Predictors of Flight Performance of Successful Solo Flight Students*, Dissertation, Max S. Chartrand, Committee Chair, Northcentral University, <http://gradworks.umi.com/3489209.pdf>. (ProQuest)
- Hoffman, T.B. (2008, September). *Adductor and Abductor Spasmodic Dysphonia: A Comparison of Quality of Life Issues for Those Receiving Botox Treatment*, Dissertation, Max S. Chartrand, Ph.D., Committee Chair, Northcentral University. <http://gradworks.umi.com/3338716.pdf>. (ProQuest).
- Rebar, C.R. (2010, December). *Perceptions of Community of Associate Degree Nurse Learners in an RN-to-BSN Online Program*, Dissertation, Max S. Chartrand, Ph.D., Committee Chair, Northcentral University. <http://gradworks.umi.com/34/35/3435804.html>. (ProQuest).
- Vasher, B.L. (2011, October). *Evaluating the Relationship between Subjective Well-Being and Self-Reported Efficacy among K-12 Teachers*, Dissertation. Max S. Chartrand, Ph.D., Committee Chair, Northcentral University. <http://gradworks.umi.com/34/80/3480847.html>. (ProQuest).
- Weiby, K. (2011, May). *Parkinson's Disease: Exploring the Relationship Between Age of Onset and Depression*, Dissertation. Max S. Chartrand, Ph.D., Committee Chair, Northcentral University. <http://gradworks.umi.com/34/55/3455111.html>. (ProQuest).
- Weinstock, D. (2009, May). *A comparison of special education services and school achievement among Yiddish/English bilinguals, Spanish/English bilinguals, and monolingual English speakers*, Dissertation. Max S. Chartrand, Ph.D., Ph.D., Northcentral University. <http://gradworks.umi.com/33/51/3351277.html>. (ProQuest).

Service to Community (partial listing)

- *President*, Colorado City Area Chamber of Commerce (2003-2007)
- *Member*, Action 22 Task Force (2007)
- *Chair*, EXPO Committee, Greenhorn Valley Chamber of Commerce (2002-2009) □
- *Member*, Local and U.S. Chambers of Commerce (1976-present) □
- *Board Member*, Board of Directors, Montessori Schools, Inc.
- *Member*, Cooke County Industrial Council (1989-1993)
- *Bishop*, Church of Jesus Christ of Latter Day Saints (1993-1997; 2008-2011t)
- *Stake Mission President*, Church of Jesus Christ of Latter Day Saints (1979-1982; 1982-1985)
- *Scoutmaster*, Boy Scouts of America (12 years)
- *Choral Director*, Church & Community Choirs (27 years)
- *Speech Reading Certificate*, United Fund (1966)
- *Advanced Certificate*, Red Cross Emergency Training (1967)

Editorial Appointments (partial listing)

- *Editor-in-Chief*, *Applied Principles for Hearing Health Professionals*. Starkey Labs (1992-1995)
- *Editor-in-Chief*, *DigiCare Consumer & Professional Education Website* (www.digicare.org) (2001-present)
- *Editor-in-Chief*, UNIFAX, Unimax Hearing Instruments, Inc. (1985-1992)
- *Staff Writer*, *Hearing Health Magazine* (1985-present)
- *Contributing Writer*, *The Hearing Professional* (IHS)
- *Chair of Editorial Committee*, *The Hearing Professional* (IHS)
- *Contributing Writer*, *The Signal*, (Canada)
- *Contributing Writer*, *The Hearing Journal*
- *Contributing Writer*, *Hearing Instruments*
- *Contributing Writer*, *Hearing Review*
- *Contributing Writer*, *Community Ear*
- *Contributing Writer*, *Tinnitus Today*
- *Contributing Writer*, *AudiologyOnline*
- *Contributing Writer*, *Healthy Hearing*
- *Contributing Writer*, *Advance Audiology*
- *Textbook Author*, International Institute for Hearing Instruments Studies, Livonia, MI
- *Textbook Author*, Aural Rehab Concepts/DigiCare Hearing Research, Rye, CO
- *Contributing Author on website/printed materials*, Better Hearing Institute

PROFESSIONAL/ADVISORY COMMITTEES (partial listing)

- *Advisory Board*, American Tinnitus Association (2008-present)
 - *Regulatory/Government Affairs Committee*, International Hearing Society (2010-present)
 - *Member*, Intl. Membership Development Comm., IHS (2008-present)
 - *Chair*, Editorial Committee, *Hearing Professional*, IHS, (1999-2002)
 - *Member*, Advisory Committee, Better Hearing Institute (2007-present)
 - *Member*, Peer Review Board, *Audiology Online* (2002-present)
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- *Member*, Advisory Committee, *Audiology Online* (2002-present)

- Chair, Licensing Examination Committee, IIHIS, (1996-2002)
- Board Member, Texas State Committee of Examiners in the Dispensing of Hearing Instruments (1994-98)
- Member, Board of Directors, Mountain Montessori School, Rye, CO (2002-2008)
- Chair, Scope of Practice Committee, International Hearing Society, 2000-2002
- President, Greenhorn Valley Chamber of Commerce (2003-2007)
- Arizona State Committee: Licensing of Audiologists, Speech Pathologists and Hearing Aid Providers (2015-present)
- Federal & State Advocacy Committee, IHS (2010-2015; 2015-current)
- Member and Secretary, Council for Nutritional & Environmental Medicine (2012-current)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS (partial Listing)

- Professional Member, National Speakers Association
- Member, Society of Behavioral Medicine (2008-present)
- Member, International Hearing Society (1980-present)
-Awarded annual *Joel S. Wernick Excellence in Education Award* (1994)
- Member, American Tinnitus Association (1978-present)
- Member, American Academy of Audiology (1996-2005)
- Member (Secretary), Council for Nutritional & Environmental Medicine (2012-present)
- Numerous state associations

PROFESSIONAL RECOGNITION (partial Listing)

- Professional Educator, awarded *Joel S. Wernick Excellence in Education Award*, International Hearing Society (1994)
- *Professional Educator of Year*, North American Institute for Auditory Prosthetics, (2001)
- Awards for many education courses given at state/provincial associations (1980-present)
- *Professional performer*, Denver Symphony, Community Arts Symphony (1965-1973)
- *Composer's Award*, Colorado Music Educators (1970)
- Composition Award, Brigham Young University (1968)
- *President's Award*, Cooke County United Way (1988-1992)
- *Who's Who in U.S. Business Executives* (1989, 1990)
- *Who's Who in Students in American Colleges & Universities* (1994)
- *Guest Conductor & Performer*, Arkansas Valley Orchestra (2008)

RESEARCH INTERESTS :

Behavioral Medicine/Health Psychology, Psychoneuroimmunology, Cognition and Memory, Communicative Disorders, Psychological Effects of Hearing Impairment, Diabetes Prevention, Behavioral Nutrition, Alzheimers & Hearing Loss, Video Otoscopy Biomarker Assessment, Non-Drug Approaches for Treatment of Attention Deficit in Children, Neuroreflexes of the External Auditory Canal, Auditory Rehabilitation, Misdiagnosis of Multiple Sclerosis, Effects of Polypharmacy, Alternative vs Pharmacological Treatments in Mental Health, Special Education (Developmental Disorders), Occupational Health, Physiological & Psychological Behaviors of Chronic Disease, Multimodal Tinnitus Management.

DISSERTATION SERVICE -

Dissertation Chair Appointments: 29 Committees (NCU)

Dissertation Committee Member Appointments: 21 Committees (NCU)