



Scientific Research & Resources

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At Institute of Multiple Intellects, we help you maximize your potential through the science of dermatoglyphic based brain mapping. We often get asked about some of the research regarding our proprietary brain mapping technology. Below, you will find some of the important contributors to this technology and important research that validates the high accuracy of our Innate Intellect Evaluations. We do not claim any endorsements by any individual or institution. We site the following as important contributors in the fields of Dermatoglyphics and Psychology as it relates to the development of this technology.

Howard Gardner - A developmental psychologist with a doctorate in education, Gardner put forth the Theory of Multiple Intelligences, explaining how there is more than one kind of intelligence. He outlined and described the development of logical, linguistic, music, intrapersonal, interpersonal, visual, kinesthetic intelligences. His works: *Frames of Mind: The Theory of Multiple Intelligences*, *Intelligence Reframed: Multiple Intelligences for the 21st Century* and similar books on multiple intelligences.

Thomas Armstrong - Armstrong is also a psychologist and educator in the field of multiple intelligences. His newest books look at ADD/ADHD, autism, dyslexia and other learning challenges as diverse ways the brain works. His works: *Seven Kinds of Smart: Identifying and Developing Your Multiple Intelligences*, *In Their Own Way: Discovering and Encouraging Your Child's Multiple Intelligences* among many others.

David Lazear - Educator Lazear describes himself as a Multiple Intelligence expert with a collection of works in the field that include: *Eight Ways of Knowing: Teaching for Multiple Intelligences*, *Higher Order Thinking the Multiple Intelligences Way*, and *Pathways of Learning: Teaching Students and Parents about Multiple Intelligences*.

de Bruin, Esther, et. al. - Researched the fingerprint differences in boys with autism spectrum disorders and those who are normal. Printed in the 2014 *Autism Research and Treatment* journal, de Bruin and her teams noted that boys with autism had more fingerprint arches than boys without autism, and many had discordances between fingerprints on the right and left hands.

King, Suzanne, et. al. - King's team has completed several research papers in peer-reviewed journals on how prenatal stress can affect brain and fingerprint development in children, that results in developmental delays, lower intelligence scores and autistic behaviors.

Agarwal, Kishore U. et. al. - Research studies look at how fingerprint patterns reveal various psychological traits and behaviors. Using previous research by Harold Cummins, Sir Edward Henry, Noel Jaquin and others publishing works since the 1950's, Agarwal and his team expand the research and publish in the 2012 *Journal of Biology and Life Science*.

Valdez, Maria L.A. and Pathak, Thaakor - These two scientists investigated how the use of brain mapping in schools could improve education. The team interviewed career counselors, teachers, administrators, parents and students to determine if altering teaching patterns based on a student's brain map improved the educational process and helped students better understand themselves. The 2014 study was published in the Asia Pacific Journal of Multidisciplinary Research.

Najafi, Mostaf MD - Mostaf has published several papers associating the intelligence levels of adolescents with fingerprint patterns on the index fingers of the right and left hands.

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Adekoya, K.O. et. al. have conducted and published three studies (2009, 2011, 2013) on the relationship between fingerprints and multiple intelligence. The authors noted which fingerprint patterns were more numerous in students who excelled in music, sports, science and other intellects based on Gardner's Multiple Intelligence theory.

Holtzman, Arnold - Psychologist Holtzman has investigated the various psychological traits and conditions that fingerprints and hand characteristics reveal. He uses current dermatoglyphic research to treat patients in Israel. His work: The Illustrated Textbook of Psychodiagnostic Chirology in Analysis and Therapy.

Dermatoglyphics is the science of how the dermal ridges that form fingerprints, palm and sole prints reveal medical, dental, psychological and educational information about an individual. New dermatoglyphic studies come out weekly, and a short search on Google Scholar will net you more than 10,000 studies.

At the Institute of Multiple Intellects, we monitor new studies to keep our practices and information current. Additionally, the algorithms our Innate Intellect Evaluations use are periodically revised based on the more than 250,000 evaluations performed in the last 9 years. Education at Kid's Quest Academy in Mumbai, India has used the Innate Intellect Evaluation to educate preschoolers based on information revealed by their fingerprints for more than 9 years.