

**Title:** Developing Biomarkers for Fibromyalgia

**Condition Category:** Fibromyalgia

**Alternate Condition Category:** Pain Studies

**Study Description:** In an attempt to find biological markers in the body that are good indicators of chronic pain, eligible participants will be assessed at baseline and after receiving a series of acupuncture or “sham” acupuncture (something that resembles, but is not, active acupuncture) sessions. If you qualify for our research and are subsequently enrolled in this study, you will be randomly assigned (like the flip of a coin) to one of these two groups. Acupuncture, as previously shown by this group, leads to improvements in both clinical and evoked pain associated with fibromyalgia. The study involves two MRI brain scans, one at the beginning and one at the end of the study. Another optional portion of the study would involve 2 PET (positron emission tomography) scans of your brain, one at the beginning and one at the end of the study; this type of scan allows us to get more specific information about your brain function during an acupuncture session.

**Eligibility:**

- Age Range: From 18 To 75 years
- Gender: Male & Female
- Ethnicity: All
- Race: All
- Smoking: Both Smoking and Non Smoking Volunteers
- Medication: No Restriction
- This study is seeking: both healthy subjects and patients with specified condition

**Other Eligibility Factors:**

- Must be able to travel to the acupuncturist up to three times per week
- Must be diagnosed with Fibromyalgia for at least 1 year
- Must be right-handed
- Must be willing to not start new medications for two months
- Must have no psychiatric disorder involving a history of psychosis, delusions, or schizophrenia
- Must not be involved in disability litigation
- Must not be pregnant or breastfeeding
- Must not be taking narcotics
- Must not have a concurrent autoimmune disease
- Must not have any prior experience with acupuncture

**Location of Study Visits:** Ann Arbor, MI

**Principal Investigator:** Harris, Richard E

**Compensation:** \$100/ fMRI and \$150/ PET: \$200-\$500 total

**Enrollment Information**

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