Our History

In 1971 Dr. Ralph Gregory formed the National Upper Cervical Chiropractic Research Association (NUCCRA) which later became the Upper Cervical Research Foundation (UCRF).

Our Mission

The Upper Cervical Research Foundation is devoted to developing and facilitating comprehensive research to investigate the relationship between the biomechanical and neurological balance of the upper cervical spine, cranio-cervical junction and its profound effect on human health and well-being.
IMPACT
In the last 12 years UCRF has raised $1.1 million and has directly invested more than $900,000 into research projects including the PCMRI Migraine Study, Supine Leg Check, Finite Element Modelling Study, Hypertension Study, Vertex Study, X-Ray Positioning Study, X-Ray Reliability Study, and the Functional Leg Length Scoliosis Study.

Funds Raised by UCRF 2009-2021

<table>
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<tr>
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<th>Gregory Circle Residual</th>
<th>Small Steps to Success</th>
<th>Corporate Donations</th>
<th>Misc.</th>
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<tbody>
<tr>
<td>Total*</td>
<td>$428,597</td>
<td>$261,380</td>
<td>$324,233</td>
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<tr>
<td>Total Raised:</td>
<td>$1,099,228</td>
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*Approximate numbers

Funds Invested by UCRF 2009-2021

- $500K Research Projects
- $400K Director of Research and Admin
- $200K Endowment
Fundraising and Supporters

• Gregory Circle Residual
  A portion of NUCCA membership dues that go towards research and have been an important source of funding for our research initiatives.

• Small Steps to Success
  Our annual fundraising campaign that takes place in offices across North America and raises awareness and resources to support our ongoing research.

• Corporate & Private Donations
  Over the years we have received generous donations from many corporate and private donors such as Divine Concepts, The Tao Foundation, The Hecht Foundation, T.C. Energy, Standard Process and Mr. Greg Buchanan.

• Misc. and Other
  A variety of independent events help raise funds such as the Beer Party at the NUCCA Conferences and student led school Running Events.
Current Research Projects

- X-Ray Reliability
- X-Ray Positioning
- Vertex Study
- Concussion Paper
- Short Condyle Study
- Correction, Stability and Quality of Life
- Blood and CSF Flow Study Data
- Posture Information Study
- NUCCA Standards
- Concussion Case Series
- Migraine and C1 and C2 influence
- Upright Posture Analysis Study
- Radiographic Positioning Study
- PBR Study
Publications

Indexed Publications:

- Cranio-cervical chiropractic procedures- a precis of upper cervical chiropractic. J Can Chiropr Assoc. 2015 Clinical Study
- Inter-examiner reliability of supine leg checks for discriminating leg-length inequality. J Manipulative Physiol Ther. 2011

Abstracts in Indexed Journals:

- Inter-and intra-operator patient positioning repeatability in pre- and post-radiographic studies using a novel positioning device and a phantom mannequin. Poster presentation. Chiropr Educ. 2010

Non-Indexed Publications:

• Resolution of hypertension following reduction of upper cervical vertebral subluxation: a case study. J Upr Cerv Chiropr Res. 2014
• Reduction in symptoms related to Parkinson’s Disease concomitant with subluxation reduction following upper cervical chiropractic care. J Upr Cerv Chiropr Res. 2011
• Improvement in adolescent idiopathic scoliosis in a patient undergoing upper cervical chiropractic care: a case report. J Pedi Matrn Fam Heal. 2010

Abstracts in Non-Indexed Publications:

• Resolution of Myasthenia Gravis Symptoms Following Upper Cervical Chiropractic: A Case Report.
• Changes in Quality of Life Assessments and MRI Measured Intracranial Compliance of Migraine Subjects Receiving a National Upper Cervical Chiropractic Association Atlas Correction.
• Improvement in Post-Concussion Symptoms in a 16-Year-Old Female Under Upper Cervical Chiropractic Care– A Case Report.
• Outcome of an Infant with Chronic Constipation Following Upper Cervical Care: A Case Report
• Examiner Reliability in Analysis of Orthogonal Radiographs.

Miscellaneous:

• Observer Reliability using the NUCCA Spinographic Analysis System. Submitted to JMPT. Unpublished manuscript. 1982.
• Cessation of a seizure disorder: correction of the atlas subluxation complex. 1991
• Rand-36 used as an outcome measure in a NUCCA practice. Chiropr Res J. 1997
• Acute effect of NUCCA upper cervical adjustment on patients with diabetes type II Chiropr Res J. 2000

Posters:
• Inter-examiner reliability in analysis of orthogonal radiographs. Association of Chiropractic Colleges Research Agenda Conference. 2015.
• Phase contrast magnetic resonance measured changes in migraine subject following chiropractic care. International Congress of Complementary Medicine Research. 2011.
• Inter-examiner reliability of supine leg checks for discriminating leg length
• Health-related quality of life in stage one hypertensive subjects after a chiropractic correction. World Federation of Chiropractic. 2009.

In 2016 UCRF created an online resource to allow access to all the past monograph paper editions and to continue The Upper Cervical Monograph tradition started in 1973 by Dr. Gregory.

Current UCRF research publications can be found here:

www.ucmonograph.org
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