Brazilian Academic Consortium for Integrative Health

Ricardo Ghelman, PhD
Director
Consórcio Acadêmico Brasileiro de Saúde Integrativa

BVS MTCI
mtci.bvsalud.org
Américas

Rede colaborativa de grupos de pesquisa e pesquisadores em Práticas Integrativas e Complementares em Saúde (PICS) das universidades brasileiras
Following the WHO guidelines for the construction of qualified knowledge and scientific evidences on TCIM and the need for national and international integration among the research groups aiming at the development of a joint and synergic work among the Brazilian universities, was born the Brazilian Academic Consortium for Integrative Health at a meeting in October 2017 at the First National Congress of Integrative and Complementary Practices in Health in Natal, attended by 25 researchers from 19 Brazilian universities.
In order to facilitate the activities of knowledge management and development of products and services of the Consortium, an integrated platform for TCIM was developed in the VHL (Virtual Health Library) of the Pan American Health Organization - PAHO/WHO.

The Consortium has the support of the Ministry of Health of Brazil through a cooperation project with the participation of BIREME/PAHO/WHO, and has the prospect of expansion to integrate researchers from other Latin American and Caribbean countries.
The Consortium is part of the VHL TCIM Americas as a seed for the integration of Latin American researchers, to strengthen scientific production throughout the Region.
Mission:
Contribute to the scientific legitimacy, sustainability and credibility of Integrative Health and its practices by public management by the population and health professionals of Brazil.

Goals
• Contribute to the increase and quality of scientific production in the area by integrating rigorous scientific research, aimed at studying the usefulness, effectiveness, cost-effectiveness and safety of interventions in the Integrative and Complementary Health Practices (ICHP).
• Contribute to increasing the visibility and use of scientific evidence on integrative and complementary approaches in health by health professionals, policy makers and the general public.
Products and services:

- Facilitation of communication, interaction and exchange among members of the Consortium
- Conducting training on research methodology in the Integrative and Complementary Health Practices (ICHP)
- Development of a directory of researchers and research institutions at ICHP
- Development of a catalog of ongoing research completed in ICHP
- Mapping and recording of publications originating from ICHP searches in the Integrative, Complementary and Traditional Medicine database, with corresponding links between searches and publications
- Methodological evaluation of evidence studies in ICHP
- Identification of opportunities for collaborative research and calls for articles for scientific journals
Universities and founding members of the Consortium:

Brazilian Academic Consortium for Integrative Health
Founding Members of the Consortium:

Alexandre Franca Barreto
Alexsandra Xavier
Ana Tania Sampaio
Anamelia Lins e Silva Franco
Bernardo Diniz Coutinho
Caio Fabio Portella
Carla Holandino
Charles Tesser
Daniel Mauricio de Oliveira Rodrigues
Fernando Hellmann
Iracema Benevides
Islandia Carvalho
João José de Santana Borges
Jonathas Ramos
Leila Brito Bergold
Lisani Müller Morsch
Marilene M Nascimento
Renata Roseghini
René Duarte Martins
Ricardo Ghelman
Ricardo Moebus
Rogelia Herculano
Silvana C Nagai
Sissy Fontes
Sueli Moreno Senna

Brazilian Academic Consortium for Integrative Health
Founding Members of the Consortium, October 14, 2017 in Natal, Rio Grande do Norte, Brazil
First Board
Brazilian Academic Consortium for Integrative Health

Ricardo Ghelman (USP) - Medicine, São Paulo / SP
Nelson Filice (UNICAMP) - Social Sciences, Campinas / SP
Carla Holandino (UFRJ) - Pharmacy, Rio de Janeiro / RJ
Bernardo Coutinho (UFCE) - Physiotherapy, Fortaleza / CE
Anamelia Lins e Silva Franco (UFBA) - Psychology, Salvador / BA
Ana Tania Sampaio (UFRN) - Nursing, Natal / RN
First Board
Brazilian Academic Consortium for Integrative Health

Ricardo Ghelman (USP)
Medicine
São Paulo, SP

Bernardo Coutinho (UFCE)
Physiotherapy
Fortaleza, CE

Nelson Filice (UNICAMP)
Social Sciences
Campinas, SP

Anamelia Lins e Silva Franco (UFBA)
Psychology
Salvador, BA

Carla Holandino (UFRJ)
Pharmacy
Rio de Janeiro, RJ

Ana Tania Lopes Sampaio (UFRN)
Nursing
Natal, RN
PAHO / WHO support team of the Consortium

Daniel Gallego-Perez
MTCI / PAHO WHO, Washington

Verônica Abdala
Manager of Information Services
Latin America and Caribbean Center on Health Science Information, BIREME/PAHO/WHO
Profile of Consortium Members

One of the first actions of the Consortium is the characterization of the profile of Brazilian researchers in the area of integrative and complementary health practices.

The objective is to identify the training, experience, and major interests of researchers in the ICHP area, and to use this information to strengthen and guide the future activities of the Consortium. So far, more than 60 researchers have been registered.

Access to the electronic form:

https://goo.gl/ruxDMW
Research Result
Characterization of the profile of Brazilian researchers in the area of integrative and complementary health practices
Southeast region = 18 universities and 38 researchers

<table>
<thead>
<tr>
<th>Região</th>
<th>Pesquisadores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sudeste</td>
<td>38</td>
</tr>
<tr>
<td>Universidade Federal de São Paulo</td>
<td>10</td>
</tr>
<tr>
<td>Universidade Federal do Estado do Rio de Janeiro</td>
<td>5</td>
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<tr>
<td>Universidade de São Paulo</td>
<td>4</td>
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<tr>
<td>Universidade Anhembi Morumbi</td>
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<tr>
<td>Universidade do Estado do Rio de Janeiro</td>
<td>2</td>
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<tr>
<td>Fundação Oswaldo Cruz - Fiocruz</td>
<td>2</td>
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<td>Universidade Federal de Minas Gerais</td>
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<td>Universidade Federal de Uberlândia</td>
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<tr>
<td>Universidade Federal Fluminense</td>
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<tr>
<td>FAVI - Associação Vitoriana de Ensino Superior</td>
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<tr>
<td>Faculdades Integradas do Vale do Ribeira</td>
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</tr>
<tr>
<td>Escola De Enfermagem Anna Nery</td>
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<tr>
<td>Universidade Federal de Ouro Preto</td>
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<tr>
<td>Hospital Albert Einstein</td>
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<tr>
<td>Universidade Federal do Espírito Santo</td>
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<tr>
<td>Unisuam</td>
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<tr>
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</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Northeast (9 universities and 14 researchers) and Midwest (2 universities and 3 researchers) region

<table>
<thead>
<tr>
<th>Região</th>
<th>Pesquisadores</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nordeste</strong></td>
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<tr>
<td>Universidade Federal de Pernambuco</td>
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<tr>
<td>Universidade do Estado da Bahia</td>
<td>2</td>
</tr>
<tr>
<td>Universidade Federal do Ceará</td>
<td>2</td>
</tr>
<tr>
<td>Escola Bahiana de Medicina e Saúde Pública</td>
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</tr>
<tr>
<td>Universidade Federal do Vale do São Francisco</td>
<td>1</td>
</tr>
<tr>
<td>Universidade Federal de Sergipe</td>
<td>1</td>
</tr>
<tr>
<td>Universidade de Pernambuco</td>
<td>1</td>
</tr>
<tr>
<td>Fundação Oswaldo Cruz - Fiocruz - Pernambuco</td>
<td>1</td>
</tr>
<tr>
<td>Universidade Federal do Rio Grande do Norte</td>
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</tr>
<tr>
<td><strong>Centro Oeste</strong></td>
<td>3</td>
</tr>
<tr>
<td>Universidade Federal de Goiás</td>
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<tr>
<td>Escola Superior de Ciências da Saúde</td>
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</tr>
</tbody>
</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
South Region (8 universities and 16 researchers)

<table>
<thead>
<tr>
<th>Região</th>
<th>Pesquisadores</th>
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</thead>
<tbody>
<tr>
<td>Sul</td>
<td>16</td>
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<tr>
<td>Universidade do Sul de Santa Catarina</td>
<td>5</td>
</tr>
<tr>
<td>Universidade Federal de Santa Catarina</td>
<td>4</td>
</tr>
<tr>
<td>Universidade Estadual de Londrina</td>
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</tr>
<tr>
<td>Fad ergs</td>
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</tr>
<tr>
<td>Universidade Federal de Santa Maria</td>
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</tr>
<tr>
<td>Universidade Federal do Paraná</td>
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</tr>
<tr>
<td>Universidade de Santa Cruz do Sul</td>
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</tr>
<tr>
<td>Universidade Regional de Blumenal</td>
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</tbody>
</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Professional Profile of Researchers: 94% with Master Degree (N=64/68)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Professional Profile of Researchers: 72% with Doctorate Degree (N=48/68)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Professional Profile of Researchers:
9% with Post Doctorate Degree (N=6/68)

<table>
<thead>
<tr>
<th>FIELD</th>
<th>UNIVERSITY</th>
<th>RESEARCHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEUROSCIENCES (PAIN)</td>
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<tr>
<td>PUBLIC HEALTH</td>
<td>UNIFESP</td>
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<tr>
<td></td>
<td>UNIVERSIDADE DA CALIFÓRNIA</td>
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<tr>
<td></td>
<td>UNIVERSIDADE DE COIMBRA</td>
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</tr>
<tr>
<td></td>
<td>UNIVERSIDADE CHARITÉ, BERLIM</td>
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</tr>
<tr>
<td>PHARMACOLOGY (PAIN)</td>
<td>UFRGS</td>
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</tr>
</tbody>
</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Experience in research in the area
N=55/68 (80% Current researcher)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018

Research in Therapeutic Modalities

- Medicinal Plants and Phytotherapy: 18
- Reiki / Touch Therapy: 14
- Meditation: 10
- Naturopathy: 9
- Chromotherapy: 7
- Thermalism: 6
- Integrative Community Therapy: 6
- Art therapy: 6
- Reflexology: 5
- Aromatherapy: 5
- Dance therapy / biodance: 5
- Shantala: 4
- Geotherapy: 4
- Osteopathy: 3
- Music therapy: 3
- Systemic family constellations: 2
- Chiropractic: 1
Experience in teaching among researchers
N = 51/68 (75% current teacher)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
For which academic phase do you teach?

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
With which research methodology do you have experience? 
N=68

<table>
<thead>
<tr>
<th>Methodology</th>
<th>N</th>
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<tbody>
<tr>
<td>Qualitative research</td>
<td>44</td>
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<tr>
<td>Systematic review</td>
<td>31</td>
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<tr>
<td>Case report</td>
<td>31</td>
</tr>
<tr>
<td>Participatory action research</td>
<td>27</td>
</tr>
<tr>
<td>Narrative review</td>
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</tr>
<tr>
<td>Health services research</td>
<td>20</td>
</tr>
<tr>
<td>Controlled and randomized trials</td>
<td>19</td>
</tr>
<tr>
<td>Preclinical research / mechanic studies</td>
<td>19</td>
</tr>
<tr>
<td>Controlled and non-randomized trials</td>
<td>10</td>
</tr>
<tr>
<td>Epistemological research</td>
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<tr>
<td>Historical research</td>
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<tr>
<td>Case-control studies</td>
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<td>Meta-analyses</td>
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<td>Health economics research</td>
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<tr>
<td>Pragmatic trials</td>
<td>4</td>
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<tr>
<td>Cohort studies</td>
<td>4</td>
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<tr>
<td>Epidemiological surveillance studies</td>
<td>4</td>
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<tr>
<td>Ethnography</td>
<td>1</td>
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</tbody>
</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
What is your experience in data analysis?

- Qualitative data analysis: 46 (68%)
- Quantitative data analysis: 39 (58%)
- Data analysis software: 22 (33%)
- No experience: 6 (9%)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
In what environment was the research conducted?

N = 64

200 publications cited in this survey (40 members reported 5 papers each)

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Collaborative research projects? 
N= 44/68 (65% with some collaborative project)

Collaboration inside my university: 33
No: 24
Collaboration with other brazilian universities: 22
Collaboration with international universities: 16

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
With what methodology was the collaborative study conducted? 

\[ N = 47 \]

<table>
<thead>
<tr>
<th>Participatory action research</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Health services research</td>
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<tr>
<td>Narrative reviews</td>
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<tr>
<td>Systematic reviews</td>
<td>11</td>
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<tr>
<td>Controlled and randomized trials</td>
<td>11</td>
</tr>
<tr>
<td>Case reports</td>
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<tr>
<td>Controlled and non-randomized trials</td>
<td>11</td>
</tr>
<tr>
<td>Preclinical research / mechanistic studies</td>
<td>7</td>
</tr>
<tr>
<td>Case-control studies</td>
<td>6</td>
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<tr>
<td>Epidemiological surveillance studies</td>
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<td>Epistemological research</td>
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<td>Health economics research</td>
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<tr>
<td>Historical research</td>
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<tr>
<td>Qualitative research</td>
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<tr>
<td>Meta-analyses</td>
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<tr>
<td>Pragmatic trials</td>
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<tr>
<td>Cohort studies</td>
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<tr>
<td>Survey</td>
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</table>

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Interests of national and international collaboration in research and training
What types of projects would you like to collaborate with?

SEARCH WITH METHODOLOGIES

1. Case Report / Case Report / Case Study
2. Systematic review
3. Qualitative methodologies / Phenomenological
4. Quantitative methodologies
5. Clinical research / clinical trial / Controlled and randomized
6. Preclinical / Experimental Research
7. Experimental or quasi-experimental clinical methods
8. Cohort Studies
9. Narrative Studies
10. Ethnographies

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Interests of national and international collaboration in research and training
What types of projects would you like to collaborate with?

**PATHOLOGY RESEARCH**

1. Pain
2. Allergy
3. Oncology
4. Child Health
5. Dermatology
6. Aging / Longevity and Neuroscience
7. Chronic non-communicable diseases
8. Chronic communicable diseases
9. Health Promotion / Quality of Life
10. Palliative Care

Profile characterization of the Brazilian researchers in the field of integrative and complementary health practices, Ghelman et al, 2018
Interests of national and international collaboration in research and training
What types of projects would you like to collaborate with?

RESEARCH ABOUT PICS (INTEGRATIVE AND COMPLEMENTARY HEALTH PRACTICES)

- Anthroposophy / Anthroposophical Medicine / Anthroposophical External Therapies
- Medicinal Plants / Phytotherapy / Ethnobotany / Ethnopharmacology
- Traditional Chinese Medicine (acupuncture, electroacupuncture, auriculotherapy, Chinese and Japanese craniopuncture)
- Contemplative Therapies
- Homeopathy
- Naturopathic Medicine / Clinical and Experimental Naturopathy
- Thermal and Balneotherapy
- Ayurveda
- Music Therapy
- Art Therapy
- Meditation
- Reiki / Therapeutic Touch / Imposition of Hands
- Yoga
- Osteopathy / BMT (Osteopathic Manipulative Treatment)
- Shantala
- Integrative Community Therapy
- Thalassotherapy
- Circular Dance
- Chromotherapy
- Aromatherapy
- Flower Therapies
- Somatic Psychology
- Biodance
- Indigenous Practices
RESEARCH IN PUBLIC HEALTH
1. Health Economics
2. Evaluation of Health Services, Management and Planning
3. ICHP in Primary Care
4. ICHP in Secondary Care (Reference Centers)
5. ICHP in Tertiary Care (Hospital Care)
6. Development and Insertion of ICHP in HEALTH SYSTEM
7. Popular Education in Health, Networks, Social Movements

RESEARCH IN EPISTEMIOLOGY
1. Interdisciplinarity between different models of integral assistance, Complex Medical Systems and Rationalities in Health
2. Spirituality and Health
3. Politics and Philosophy of ICHP in Brazil
4. Relationship with Biomedicine and drug interaction

RESEARCH ON TEACHING
1. Implementation and training in ICHP in higher education (Universities / Institutes of Education and Research)
2. Teaching methodologies and pedagogical practices with different epistemological models in ICHP training
3. Student Research

Interests of national and international collaboration in research and training
What types of projects would you like to collaborate with?
What areas, themes or methodologies do you have an interest in and / or need for training?

1. Pragmatic clinical trials / randomized, non-randomized controlled clinical trials
2. Cohort studies
3. Qualitative methodology / Focus group
4. Case Report, Case control, Case series
5. Integrative and systematic reviews.
6. Methodology Quali-quantitative (mixed)
7. Meta-analyzes
8. Health Economics - Cost / Effectiveness
9. Epidemiological Surveillance Studies
10. Mechanism of action study
Você pesquisador em PICS no Brasil, participe da pesquisa de caracterização dos membros do Consórcio e torne-se um novo membro.

Become a new member!

https://goo.gl/ruxDMW

Thank you

Integrative greetings

Ricardo Ghelman