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Further information

http://www.otago.ac.nz/wellington/departments/primaryhealthcaregeneralpractice/research/index.html
Foreword

2014 was another successful year for research in the Department, but one characterised by successful new grants for many smaller amounts rather than larger grants for larger projects. Work continued on a number of important larger grants, most notably in the Women’s Health Research Centre. The Severe Acute Maternal Morbidity projects gained significant traction in informing health policy during the year. Several other work streams have continued or commenced with a mix of smaller monies and internal grants. As previously, this has been achieved alongside other major commitments: undergraduate and postgraduate teaching, clinical responsibility, service for and with the sector at large, and contributions to the university. Overall amount of research activity has continued to increase and diversify. Postgraduate research students have all progressed well, with several theses completed and submitted for examination, as well as resulting in associated publications from new knowledge. In general, research outputs have remained steady in number from 2013 to 2014, with a proportional increase in quality peer-reviewed journal articles, and evidence of effective dissemination to professional groups and the community via conferences and meetings of various kinds. Thank you to all staff who undertake and support research in and beyond the Department. Research and development in the primary health care sector is vital to improving health care in NZ and internationally, and without continued staff enthusiasm, effort and commitment, this essential contribution would not be possible.

Nga mihi,
A/Professor Sue Pullon
Head of Department
Overview

During the 2014 calendar year the department has maintained the previous trend of a slight growth from year to year in research income and outputs. Staff and research students produced in total 95 research-related outputs in addition to a number of in-house, external and professional peer group seminars or workshops and 2 higher degrees were awarded. Total research income from all sources for the 2014 year was $1,223,800 (cf. $1,135,658 in 2013).

Departmental research activity has continued to be based around a number of established research groups and interests, with a growing emphasis on the development of interprofessional working, and on translational research and the provision of useful results and tools for the health sector. There is also a continued focus on collaborative and interdisciplinary research; the Department has ongoing research links with other Departments at Otago University, Wellington, particularly Public Health, Obstetrics & Gynaecology and Psychological Medicine, and with a range of external collaborators. The overall portfolio increasingly includes research projects based on higher degrees projects.

Active research themes in 2014 were: women’s health; sexual and reproductive health; child and adolescent health; communication in health care; mental health; addiction medicine; health services evaluation; quality assurance and quality indicator; clinical education; interdisciplinary and intersectoral collaboration; travel medicine, and two newly emergent themes relating to the fields of pharmacy and bioethics.

Funded research projects/consultancies

- A total of 25 funded projects were started, in progress or completed during 2014 (up from a total of 21 in 2014). Seventeen (17) of these commenced in 2014: HRC (1), University of Otago (12); RNZCGP (1), WMRF (1), ISTAR Ltd (1), Internal funding (1).
- PHCGP staff were involved as co-investigators in 5 external collaborations and 4 commercial consultancies.
- The department hosted and supervised 6 fully funded summer research projects (2014/15)
- Several small ($2-3 K) seeding grants were provided from department funds for researchers to establish pilot work, and to pay the fees for publishing in open access journals.

Research outputs

- 95 formal research outputs in total are listed on the University of Otago Publications database for the calendar year 2014 as at 1 May 2015. This figure excludes 3 advance online publications which will have a print publication date of 2015. This compares to a finalised total of 84 outputs reported in June 2014 for the calendar year 2013.
- The 2014 list includes 25 peer reviewed research articles, 2 professional articles, 2 theses, 61 conference abstracts or presentations and 5 other outputs, including a commissioned report, 2 public lectures and 2 research presentations.
- Teaching staff have also been involved in research on undergraduate and postgraduate teaching programs and innovation in teaching. Manuscripts in progress relate to the use of creative work in palliative medication education and an evaluation of the genital examination teaching program. Several staff have also acquired intercampus and external funding to support the innovative development of research based teaching and learning resources and methodologies.
Higher Degrees

Enrolled or in progress:
• 8 thesis students in total were enrolled with the department in 2014: MPHC (1), MHealSc (1), MGP (1), PhD (5).
• 3 department staff were also involved as second supervisors for 4 higher degrees projects external to the department.

Awarded in 2014:
• Ben Darlow, PhD. The development of a new approach to acute low back pain management in general practice. Supervised by Tony Dowell, David Baxter, Fiona Mathieson
  https://ourarchive.otago.ac.nz/handle/10523/4928

Visitors to Department
• Prof Stacie Geller (University of Illinois, Chicago)
• Professor Tim Stokes, Elaine Gurr Chair of General Practice, Dunedin School of Medicine
• Elaine Langton (CCDHB)

Nga mihi,
Dr Maria Stubbe, Research Director
Journal - Research Article


**Journal - Research Other**


**Journal - Professional & Other Non-Research Articles**


**Conference Contribution - Published proceedings: Abstract**


**Conference Contribution - Poster Presentation (not in published proceedings)**


**Conference Contribution - Verbal presentation and other Conference outputs**


Ballantyne, A. (2014, June). *Improving management of surgical innovation: A case study for challenging the research-treatment distinction [Roundtable discussion: Regulation of research, efficiency and internationalization: Does one size fit all?].* Verbal presentation at the 12th World Congress of Bioethics, Mexico City, Mexico.


Darlow, B., & Thompson, B. (2014, March). *How clinicians (should) influence their patients.* Verbal presentation at the 39th Annual Scientific Meeting of the New Zealand Pain Society, Dunedin, New Zealand.


Darlow, B., & Thompson, B. (2014, March). *How clinicians (should) influence their patients.* Verbal presentation at the 39th Annual Scientific Meeting of the New Zealand Pain Society, Dunedin, New Zealand.


**Stubbe, M., & Dew, K.** (2014, June). *I understand what it is but I didn’t expect to get it: Justifications for delayed presentation in the accounts of newly diagnosed diabetes patients*. Verbal presentation at the 4th International Conversation Analysis (ICCA) Conference, Los Angeles, CA.


**Visser, J.** (2014, June). *Travel essentials: Don’t let the travel bugs get you*. Verbal presentation at the General Practice Conference & Medical Exhibition (GP CME), Rotorua, New Zealand.

**Visser, J.** (2014, August). *It all starts with one little bite…. Workshop presentation at the South General Practice Conference & Medical Exhibition (GP CME), Dunedin, New Zealand.


**Commissioned Report for External Body**


**Other Research Output**

**Public Lecture**


**Research Presentation**

**Stubbe, M.** (2014, October). *Negotiating role boundaries in interpreter-mediated consultations: Processes and perceptions*. Nuffield Department of Primary Care and Health Sciences, University of Oxford, UK

Awarded Doctoral Degree


Awarded Masters Degree


Total publications (2014) for Primary Healthcare and General Practice, University of Otago, Wellington, Health Sciences Division: 95

Advance On-line Publications (*not included in 2014 output total*)


Advance On-line Publications reported in 2013 Research Report, now in print for 2013
(to be added to the 2013 output total)

Journal - Research Article

Advance online publication. doi: 10.1177/1367493513496673

Research Outputs omitted from 2013 Research Report
(to be added to the 2013 output total)

Conference Contribution


Retrieved from http://www.nzimrt.co.nz/


# Current Research

## Funded Projects

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Co-Investigators</th>
<th>Project Name</th>
<th>Funder</th>
<th>Start Date</th>
<th>End Date</th>
<th>Project Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PHCGP PROJECTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angela Ballantyne</td>
<td>J. Crane, S. Pulon, L. Macdonald</td>
<td>Research during pregnancy: what do women think about participation? <em>(NEW)</em></td>
<td>Internal - UORG</td>
<td>Jul-14</td>
<td>Sep-15</td>
<td>21,229</td>
</tr>
<tr>
<td>Ben Gray</td>
<td>M. Stubbe, J. Hider, R. Tester</td>
<td>Understanding Interpreted Consultations <em>(NEW)</em></td>
<td>RNZCGP</td>
<td>Jan-14</td>
<td>Jun-14</td>
<td>10,000</td>
</tr>
<tr>
<td>Bev Lawton</td>
<td>C. Makow haremahihi, S. Brown, P. Elison, A. Cooper, B. Robson, F. Cram</td>
<td>Wahine Hauora: Addressing barriers to care <em>(E Hine)</em> <em>(EXTENDED)</em></td>
<td>HRC</td>
<td>Sep-10</td>
<td>Sep-14</td>
<td>1,199,936</td>
</tr>
<tr>
<td>Bev Lawton</td>
<td>S. Geller, J. Stanley, J. MacDonald, S. Garrett, S. Brown, F. Cram, S. Snively</td>
<td>Addressing the burden and preventability of severe acute maternal morbidity - a national review</td>
<td>Ministry of Health</td>
<td>Aug-13</td>
<td>Jul-16</td>
<td>1,199,906</td>
</tr>
<tr>
<td>Bev Lawton</td>
<td>C. Makow haremahihi, T. Ngata</td>
<td>Addressing Barriers and Facilitators of care for young Maori Whanau <em>(Age 2)</em></td>
<td>Ministry of Health</td>
<td>Dec-13</td>
<td>Nov-14</td>
<td>87,000</td>
</tr>
<tr>
<td>Bev Lawton</td>
<td>S. Geller, J. Stanley, J. MacDonald, S. Garrett, S. Brown, F. Cram, S. Snively</td>
<td>Addressing avoidable harm suffered by Maori Babies <em>(SAMM Kids)</em> <em>(NEW)</em></td>
<td>HRC</td>
<td>Sep-14</td>
<td>Aug-17</td>
<td>1,199,999</td>
</tr>
<tr>
<td>Charrissa Makowharemahihi</td>
<td>NA</td>
<td>E Hine - Roopu Mama <em>(Young Maori Mothers)</em> <em>(EXTENDED)</em></td>
<td>Ministry of Youth Development</td>
<td>Jun-11</td>
<td>Sep-14</td>
<td>18,660</td>
</tr>
<tr>
<td>Helen Moriarty</td>
<td>M. Stubbe, R. Tester</td>
<td>Demystifying addiction recovery: understanding service user and provider perspectives <em>(NEW)</em></td>
<td>Internal - UORG</td>
<td>Jan-14</td>
<td>Mar-15</td>
<td>24,426</td>
</tr>
<tr>
<td>Jenny Visser</td>
<td>M. Baker, A. Narayan</td>
<td>Illness &amp; Injury in long-term aid workers to developing countries</td>
<td>Internal - UORG</td>
<td>Jan-13</td>
<td>Mar-14</td>
<td>5,000</td>
</tr>
<tr>
<td>Jenny Visser</td>
<td>A. Narayan</td>
<td>Illness &amp; Injury in long-term aid workers to developing countries</td>
<td>International Society of Travel Medicine</td>
<td>Jun-13</td>
<td>May-15</td>
<td><em>(USD 4,547)</em></td>
</tr>
<tr>
<td>Lesley Gray</td>
<td>M. Stubbe, L. Macdonald, R. Tester, T. Dow ell</td>
<td>Talking About Overweight and Obesity <em>(TABOO)</em></td>
<td>Internal - UORG</td>
<td>Jan-13</td>
<td>Mar-14</td>
<td>24,045</td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Co-Investigators</td>
<td>Project Name</td>
<td>Funder</td>
<td>Start Date</td>
<td>End Date</td>
<td>Project Amount</td>
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<tr>
<td>Maria Stubbe</td>
<td>T. Dowell, L. Macdonald, R. Tester</td>
<td>Understanding the lived experience of people with diabetes in New Zealand: a narrative inquiry (NEW)</td>
<td>Internal - UORG</td>
<td>Jan-14</td>
<td>Mar-15</td>
<td>21,750</td>
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<tr>
<td>Sally Rose</td>
<td>S. Garrett</td>
<td>Assessing the uptake and effectiveness of government-funded contraceptive implants</td>
<td>Internal - UORG</td>
<td>Jan-13</td>
<td>Mar-14</td>
<td>30,000</td>
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<tr>
<td>Sally Rose</td>
<td>NA</td>
<td>Same-day LARC insertion at abortion clinics: are there regional differences in access or uptake? (NEW)</td>
<td>ISTAR Ltd.</td>
<td>Jun-14</td>
<td>Apr-15</td>
<td>9,765</td>
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<tr>
<td>Sally Rose</td>
<td>S. Pullon, J. Stanley, S. Garrett</td>
<td>Is the rising popularity of long-acting contraception impacting on Chlamydia rates? (NEW)</td>
<td>WMRF</td>
<td>Jun-14</td>
<td>May-15</td>
<td>5,900</td>
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<tr>
<td>Sue Garrett</td>
<td>B. Lawton</td>
<td>Exploring caesarean section rate disparities: What’s so special about Wellington?</td>
<td>Internal - UORG</td>
<td>Jan-13</td>
<td>Mar-14</td>
<td>5,000</td>
</tr>
<tr>
<td>Sue Pullon</td>
<td>E. McKinlay, B. Gray, S. Morgan, L. Macdonald</td>
<td>An observational study of collaborative primary care practice (SIPP Study)</td>
<td>NZ Lottery Grants</td>
<td>Apr-12</td>
<td>Mar-14</td>
<td>23,175</td>
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<tr>
<td>Sue Pullon</td>
<td>E. McKinlay, B. Gray, S. Morgan, L. Macdonald, S. Donovan, R. Tester</td>
<td>Collaborative care across health agencies for patients with chronic conditions: an exploratory study (NEW)</td>
<td>Internal - UORG</td>
<td>Jan-14</td>
<td>Mar-15</td>
<td>25,000</td>
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<tr>
<td>Sue Pullon</td>
<td>B. Darlow, C. Wilson, E. McKinlay, P. Gallagher, L. Gray</td>
<td>Longitudinal Interprofessional Study (NEW)</td>
<td>Internal - Division of Health Sciences, UoO</td>
<td>Nov-14</td>
<td>Jun-18</td>
<td>200,000</td>
</tr>
<tr>
<td>Tony Dowell</td>
<td>S. Collins, F. Matheson, J. Stanley, B. Lane</td>
<td>RCT of an Ultra Brief Intervention to manage common mental health problems in primary care (EXTENDED)</td>
<td>Internal - UORG</td>
<td>Jan-13</td>
<td>Dec-15</td>
<td>44,407</td>
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<tr>
<td>Tony Dowell</td>
<td>M. Stubbe, L. McBain (+Compass Health)</td>
<td>The morbidity patterns of childhood illness in general practice</td>
<td>NZ Lottery Grants</td>
<td>Aug-13</td>
<td>Jul-15</td>
<td>51,200</td>
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<tr>
<td>Tony Dowell</td>
<td>L. McBain, M. Stubbe, B. Darlow</td>
<td>Improving child health: innovative ways of assessing injury morbidity and service use in primary care (NEW)</td>
<td>Internal - UORG</td>
<td>Jan-14</td>
<td>Mar-15</td>
<td>34,620</td>
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## External Collaboration/Consultancies

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Co-Investigators</th>
<th>Project Name</th>
<th>Funder</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount</th>
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<tbody>
<tr>
<td><strong>EXTERNAL COLLABORATION</strong></td>
<td></td>
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<tr>
<td>Dean’s Dept. (UOW)</td>
<td>Roshan Perera</td>
<td>H. Moriarty, M. Huthwaite, S. Pullon, L. Gray, P. Gallagher, B. Lim, R. Tester</td>
<td>The Empathy Project: what happens to undergraduate empathy skills in early postgraduate years?</td>
<td>CALT RUT 2013</td>
<td>Jan-13</td>
<td>Mar-14</td>
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<tr>
<td>University of Auckland</td>
<td>Lesley McCowan</td>
<td>B. Lawton</td>
<td>Multi-centre case control stillbirth study</td>
<td>HRC</td>
<td>Oct-12</td>
<td>Sep-15</td>
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<tr>
<td>UOC</td>
<td>Peter Sykes</td>
<td>B. Lawton, B. Simcock, M. Hbma</td>
<td>The conservative management of young women with CIN2</td>
<td>HRC</td>
<td>Oct-13</td>
<td>Sep-17</td>
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<tr>
<td>Psychological Medicine (UOO)</td>
<td>Steve Gallagher</td>
<td>J. Rountree, B. Drummond, J. Millichamp, M. Stubbe</td>
<td>Developing reflective practitioners through online video-based self reflection</td>
<td>CALT RUT 2013</td>
<td>Jan-13</td>
<td>Mar-14</td>
</tr>
<tr>
<td><strong>COMMERCIAL CONSULTANCIES</strong></td>
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<tr>
<td>Tony Dowell</td>
<td>NA</td>
<td>Review of youth mental health project</td>
<td>KPMG</td>
<td>Dec-13</td>
<td>Feb-14</td>
<td>6,600</td>
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<tr>
<td>Sue Pullon</td>
<td>T. Dowell, L. McBain</td>
<td>Evaluation of the RPRP (NEW)</td>
<td>Malatest Ltd.</td>
<td>Jan-14</td>
<td>Dec-19</td>
<td>34,560</td>
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<tr>
<td>Tony Dowell</td>
<td>NA</td>
<td>Integrated Practice Guidelines for Oral Maori Health (NEW)</td>
<td>Virgina Signal</td>
<td>Apr-14</td>
<td>Aug-14</td>
<td>5,081</td>
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<tr>
<td>Tony Dowell</td>
<td>NA</td>
<td>Review of youth mental health project (NEW)</td>
<td>KPMG</td>
<td>Jul-14</td>
<td>Oct-14</td>
<td>11,000</td>
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</table>
## Higher Degrees

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Thesis title</th>
<th>Start date</th>
<th>Projected end date</th>
<th>Full / PT</th>
<th>Supervisors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robyn Taylor</td>
<td>MPHC</td>
<td>Standing order use in primary care</td>
<td>1/03/2013</td>
<td>30/06/2015</td>
<td>PT</td>
<td>Eileen McKinlay, Caroline Morris</td>
</tr>
<tr>
<td>Trevor Lloyd</td>
<td>MGP</td>
<td>Histories of chest pain</td>
<td>1/03/2014</td>
<td>31/08/2016</td>
<td>PT</td>
<td>Sue Pullon, Maria Stubbe</td>
</tr>
<tr>
<td>Mel Pande</td>
<td>PhD</td>
<td>Adaptation of overseas trained doctors to the work culture of NZ general practice</td>
<td>1/06/2007</td>
<td>Submitted Nov 2014</td>
<td>PT</td>
<td>Tony Dowell, Jackie Cumming (Vic)</td>
</tr>
<tr>
<td>Christine Howard-Brown</td>
<td>PhD</td>
<td>Working towards PHC &amp; aged residential care integration</td>
<td>1/06/2011</td>
<td>31/05/2017</td>
<td>PT</td>
<td>Roshan Perera (MEG), Sally Keeling (Medicine)</td>
</tr>
<tr>
<td>Fiona Doolan-Noble</td>
<td>PhD</td>
<td>Obesity management in general practice with a specific focus on NZ men of higher weight</td>
<td>1/01/2012</td>
<td>31/03/2015</td>
<td>FT</td>
<td>Tom Love, Sue Pullon, Tony Dowell</td>
</tr>
<tr>
<td>Fiona Mathieson</td>
<td>PhD</td>
<td>Metaphors in cognitive behaviour therapy</td>
<td>1/03/2013</td>
<td>28/02/2019</td>
<td>PT</td>
<td>Maria Stubbe, Jenny Jordan (Psych Med)</td>
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### Under Examination

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Thesis title</th>
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</thead>
<tbody>
<tr>
<td>Louise Beckingsale</td>
<td>MHealSc</td>
<td>Experiences &amp; perceptions of NZ primary care dietitians</td>
</tr>
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### Degrees Awarded in 2014

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Thesis title</th>
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</thead>
<tbody>
<tr>
<td>Ben Darlow</td>
<td>PhD</td>
<td>Intervention to decrease perceived threat associated with low back pain</td>
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## Summer Student Projects 2014/15

<table>
<thead>
<tr>
<th>Funder</th>
<th>Project Title</th>
<th>Supervisor/s</th>
<th>Student Name</th>
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<tbody>
<tr>
<td>Royal New Zealand College of General Practice</td>
<td>Investigating health literacy and health navigation for patients newly diagnosed with cancer</td>
<td>Helen Moriarty</td>
<td>Emily Cartmell</td>
</tr>
<tr>
<td>Wgtn Faculty of GPs (RNZCGP)</td>
<td>Community pharmacist opinion of weight management intervention in NZ: their role, barriers and facilitators</td>
<td>Lesley Gray, Caroline Morris</td>
<td>Rachel Chamberlain</td>
</tr>
<tr>
<td>Turanga Health</td>
<td>Interprofessional education in a rural community – the stakeholders’ perspective</td>
<td>Sue Pullon, Patrick McHugh, Margot Skinner</td>
<td>Kelly Pelham</td>
</tr>
<tr>
<td>School of Physiotherapy - UOO</td>
<td>Telephone based treatment of mild to moderate mental health issues</td>
<td>Tony Dowell, Richard Medicott</td>
<td>Emily Hayward</td>
</tr>
<tr>
<td>Medibank Health Solutions</td>
<td></td>
<td>Bev Lawton, Te Kahui Tapsell</td>
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</tr>
<tr>
<td>Health Research Council (summer studentships)</td>
<td>Assessing maternal morbidity associated with sepsis: A retrospective audit of SAMM cases of sepsis</td>
<td>Helen Moriarty, Roshan Perera</td>
<td>Phil Dabrowski</td>
</tr>
<tr>
<td>Te Omanga Hospice</td>
<td>Integrated pathway of care at Te Omanga (ImPaCT): an action research project</td>
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