

RESEARCH BULLETIN

ISSUE 6: FEBRUARY 2017

Welcome to 2017! We hope you have had a restful summer break and are now ready to reach your 2017 research goals. This issue is jam packed with stories about research happening in the Faculty of Science. There are also some announcements about upcoming workshops, research tools and a number of research related administrative changes. In fact, you may want to read this BUMPER ISSUE in several sessions, so grab a cuppa and catch up on all things science.

The bulletin is emailed to all staff and HDR candidates in the Faculty of Science in the first week of each month. If you have a news item, a resource, announcement or a great achievement related to research or HDR candidature you'd like to share, please send it to [Deborah](#) or [Melanie](#) for inclusion in the next bulletin.

Previous issues of the bulletin can be downloaded from the Faculty of Science Research News and Highlights page [here](#)

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Faculty of Science HDR and Honours Symposium - Save the Date

Higher Degree Research and Honours students, along with their supervisors, are asked to save the dates of

Thursday 10 August and Friday 11 August for the FOS HDR and Honours Symposium and Dinner in Wagga Wagga. The symposium will provide an opportunity for students to present their work and participate in workshops.



More details will be released in the next two months.

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Congratulations - Approved for Graduation

- ❖ **Emma Dunston**, thesis titled “Assessment of functionality of two captive-origin and a wild pride of African lions (*Panthera leo*): pre-release evaluation for an ex-situ reintroduction program”
- ❖ **James Dyer**, thesis titled “Movement Ecology and The Distribution of Stream Shrimp Assemblages In The Southern Murray-Darling Basin”

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HDR Candidate Welcome and Induction – Feb 2017



The first HDR Candidate Welcome and Induction session will take place on **Tuesday 14 Feb, 2017**. Please visit the [Professional Development Calendar](#) to register for this session. These sessions should be a priority for new candidates commencing in 2017 as they provide essential information about getting started.

Attending an induction session is now **part of the probationary conditions** for candidature so if you haven't completed it yet please **register now**.

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Welcome to our New Candidates



Ashleigh Kilgannon – School of Agricultural and Wine Science, working with John Mawson, Michael Campbell and David Hopkins. Ashleigh will commence this session full-time via distance education.

Imtiaz Faruk Chowdhury – School of Agricultural and Wine Science, working with Greg Doran and Hanwen Wu. Imtiaz will commence this session full-time on the Wagga campus.

Yalage Don Sashika Madhupani – School of Agricultural and Wine Science, working with Chris Steel and Leigh Schmidtke. Sashika will commence this session full-time on the Wagga campus.

Alison Neef – School of Animal and Veterinary Science, working with Shane Raidal and Andrew Peters. Alison will commence this session full-time on the Wagga campus.

Cathrynne Henshall – School of Animal and Veterinary Science, working with Raf Freire and Hayley Randle. Cathrynne will commence this session full-time via distance education.

Jessica Wise – School of Animal and Veterinary Science, working with Kris Hughes and Sharanne Raidal. Jessica will commence this session full-time on the Wagga campus.

Kayla Kopp – School of Animal and Veterinary Science, working with Michael Friend, Susan Robertson and Angel Abuelo. Kayla will commence this session full-time on the Wagga campus.

Md Shafaet Hossen – School of Animal and Veterinary Science, working with Shokoofeh Shamsi and Panos Loukopoulos. Shafaet will commence this session full-time on the Wagga campus.

Stephen Wiedemann – School of Animal and Veterinary Science, working with Michael Friend. Stephen will commence part-time via distance education.

Erini Abdelmessih – School of Biomedical Science, working with Maree Simpson, Jenny Cox and Yann Guisard. Erini will commence this session full-time via distance education.

Kiara Thompson – School of Biomedical Science, working with Abishek Santhakumar and Chris Blanchard. Kiara will commence this session full-time on the Wagga campus.

Sofiya Tsimbalyuk – School of Biomedical Science, working with Jade Forwood, Shane Raidal and Chris Parkinson. Sofiya will commence this session full-time on the Wagga campus.

Harry Moore – School of Environmental Science, working with Dale Nimmo and David Watson. Harry will commence this session full-time via distance education.

Helenna Mihailou – School of Environmental Science, working with Melanie Massaro and Dale Nimmo. Helenna will commence this session full-time via distance education.

Michael Vanderzee – School of Environmental Science, working with Max Finlayson, Jennifer Bond and James Pittock. Michael will commence this session full-time via on the Albury campus.

Vi An Vu - School of Environmental Science, working with Lee Baumgartner, Wayne Robinson and Martin Mallen-Cooper. An will commence this session full-time on the Albury campus.

Please make these new candidates welcome.

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Writing Workshops – Up and Running in 2017



Some writing workshops coming up in February. These are provided for doctoral candidates, but all others are welcome.

Structuring your literature review

Part 1 – Tuesday 7th Feb, 12:30-2pm – link for details and registration: https://connect.csu.edu.au/e61agw5ob4m/event/event_info.html

Part 2 – Wednesday 8th Feb, 12:30-2pm – link for details and registration: https://connect.csu.edu.au/litrev2017p2/event/event_info.html

Part 3 – Thursday 9th Feb, 12:30-2pm – link for details and registration: https://connect.csu.edu.au/litrev2017p3/event/event_info.html

Writing a research proposal – Monday, 13th Feb, 12pm-1:30pm – link for details and registration: https://connect.csu.edu.au/researchprop2017/event/event_info.html

Overcoming procrastination – Thursday, 16th Feb, 12pm-1:30pm – link for details and registration: https://connect.csu.edu.au/procrast2017/event/event_info.html

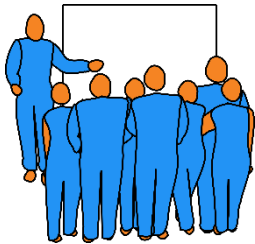
Reading the literature critically – Monday, 20th Feb, 12pm – 1:30pm - link for details and registration: https://connect.csu.edu.au/critread2017/event/event_info.html

The Basics of thesis structure – Thursday, 23rd Feb, 12pm-1:30pm - link for details and registration: https://connect.csu.edu.au/thesisstruct2017/event/event_info.html

If you would like a calendar invitation for either of these, with the schedule, locations and links, email Cassily Charles - ccharles@csu.edu.au

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Ignite Rapid Pitch Night - \$5000 first prize



Ignite is inviting applications from Australia's brightest PhD researchers, innovators and inventors to pitch their ideas against their peers to win a \$5000 first prize. Finalists have just 150 seconds to convey the essence of their entire PhD thesis into an easily understood and entertaining pitch to a panel of esteemed judges. Beyond the judging panel contestants will be pitching to a live business audience brimming with potential seed-funders and collaborators.

Beyond the cash incentives, the program offers the opportunity to work with mentors, media and performance/communication coaches to develop their presentation, media and entrepreneurial skills. The training equips them with lifelong tools to further their career beyond the event.

This event will be held on **6th June 2017** in Sydney and applications are scheduled to open on the **20th of February 2017**. For more information please contact your [Graduate Studies Liaison Officer](#).

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Australia Day Award – Lucy Watt



Congratulations to Lucy Watt from the School of Animal and Veterinary Science who was presented with an Australia Day Award from The National Council of Women to help further her postgraduate studies. Lucy is investigating livestock (sheep) production on new varieties of annual legume pastures both as grazed pastures and conserved forages. Lucy hopes that her research will contribute to greater profitability in the livestock industry.

Well done Lucy!

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Alexander MacQuarrie – Presents to International Paramedic Congress



Alexander (Sandy) MacQuarrie, from the School of Biomedical Studies, recently returned from the 4th International Paramedic Congress in Bodrum, Turkey. The event attracted approximately 600 paramedics from around the world and featured a full day paramedic skills competition.

Sandy was invited to speak about some early results from his PhD project "*The Physical Demands of Paramedic Job Performance and Their Effect on Job Specific Skills*".

Sandy reported that "It was exciting to be presenting internationally to a group in two languages simultaneously (English and Turkish). There was much interest in the talk and it certainly sparked a lot of discussion among the paramedics and service chiefs present from around the world".

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Dr Kristy Robson – Best Oral Presentation Award



Congratulations to Dr Kristy Robson, from the School of Community Health, who had her oral presentation at the 7th Biennial Australia and New Zealand Falls Prevention Conference (ANZFP) in November named Best Oral Presentation of the conference. The presentation titled '*The great balancing act – perspectives of older people on fall risk*' was selected from over 50 oral presentations made during the conference. This is a great reflection of the quality of Kristy's research and presentation skills.

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Dr Kristy Robson – Presents at SAGE: Going for Gold



Dr Kristy Robson also represented CSU as one of 4 selected presenters to a high level national panel in a breakfast session of the Science and Gender Equity (SAGE) meeting at CSIRO in Canberra. Kristy gave a presentation titled '*The day my life changed – preventing falls in older adults*' to the panel on 20 January 2017.

The panel members included Dr Wafa El-Adhami, SAGE Executive Director, and Professor Tom Welton, Dean of the Faculty of Natural Sciences at Imperial College London and Professor Frances Shannon, Deputy Vice Chancellor (Research and Innovation) University of Canberra.

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Dr Andrea Crampton - On-line Learning Research



Dr Andrea Crampton, from the School of Biomedical Sciences, and Dr. Angela Ragusa, of the School of Humanities and Social Sciences, have recently published a journal article based on their research into the perceptions of on-line education.

Andrea and Angela surveyed 289 first or second year students enrolled in on-line distance education classes. While the students noted many disadvantages eg. Not being able to talk to teaching staff or peers directly and barriers eg. Motivational issues when on own, they also noted the advantages of being able to stay employed and not moving their families. Andrea and Angela asked them if they thought their degree might be perceived as worth less than one gained internally with most saying no although some said 'hope not'. Interestingly, some thought should be worth more as studying on-line demonstrated higher levels of organisation, self-motivation and time management, attributes they thought employers would value.

Interested in more - the full findings can be found in the journal article:

“Online learning: Cheap degrees or educational pluralization?: Cheap degrees or educational pluralization?”, Angela T. Ragusa and Andrea Crampton, in *British Journal of Educational Technology*, August 2016.

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Successful Grant Recipients



Congratulations to the following researchers who have recently been awarded funding for their research projects:

Dr Ann Lazarfield-Jensen, from the School of Biomedical Sciences, is leading a cross-disciplinary research team that was awarded \$30,000 from the *Commonwealth Department of Family and Community Services Liveable Communities Grants*. The research project entitled *Portraits of Strength* will be conducted in the Blayney Shire in conjunction with the Shire Council and regional service providers.

The proposal is action research that intends to have real world impact, by engaging a community at the point of its existing strengths. In the first stage of the project researchers will collect images and stories of older people that are illustrative of coping, thriving and contributing to rural life.

Assoc Prof, Hayley Randle, from the School of Animal and Veterinary Sciences, was awarded \$6500 from the *NSW Department of Industry* in their Conference Sponsorship Program for the *ISES 2017 Down Under Conference* being held at CSU Wagga Wagga in November.

Luke Donnan, from the School of Community Health, is part of a team led by Dr Suzie Edwards (formerly at CSU but now at University of Newcastle) who were successful in obtaining a research award under the *Myotendinous Call for Proposals released by the NBA & GE Healthcare Orthopedics and Sports Medicine Collaboration*. They have received \$300,000 over a three year period for their study that looks into injuries in basketball players.

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Conducting Research that could lead to a Patent or Commercialisation?



Are you starting any research that may potentially lead to a patent, trade mark or plant breeders rights?

Did you know that publishing before you have a patent may void a patent in some countries? Did you know that you may need to file multiple patents to ensure your rights are covered in various countries?

Talk to CSU's **Contract and Innovation Manager – Rachel Roberts** about ownership and the right path to take before you get too far down the track and experience problems. Rachel Roberts - raroberts@csu.edu.au

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Beall's Predatory Publishers Listing for 2017



There has been a huge increase in predatory publishers and journals during 2016 according to Jeffrey Beall's annual list.

Each year Jeffrey Beall releases an updated list of predatory publishers. This year, the list includes 1155 publishers, an increase of 232 over 2016. Jeffrey Beall also notes that the number of predatory standalone journals have increased by 412 over 2016.

Many journals use duplicate (or near duplication) of journal titles and conference names to deceive researchers. Check Beall's listing to ensure your work is published in a reputable journal. [Beall's List of Predatory Publishers](#)

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FameLab Australia Science Communication Comp - 2017 Applications Open



FameLab has grown into one of the world's leading science communication competitions. It aims to find, develop and mentor young science and engineering communicators. The result is a celebrated alumni of young scientists and engineers able to get everyone 'talking science' in the media-intensive environment in which we live.

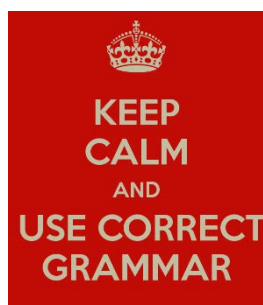
A partnership established with the British Council in 2007 saw the competition go global, with more than 5,000 young scientists and engineers participating in over 25 different countries... with new countries taking part each year! Cheltenham Festivals and the British Council co-produce the FameLab International Final, which is held at the Cheltenham Science Festival each June.

In 2014, the very first Australian FameLab competition attracted a diverse and vibrant range of early-career researchers, who took the FameLab stage to battle it out to become the Australian FameLab national winner.

More information is available from the [British Council website](#)

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'Grammarly' – Give it a Try



'Grammarly' is an online proofreading tool that checks text for grammar, punctuation, and style, and features a contextual spelling checker and plagiarism detector.

From one of the BJBS Researchers:

"I am currently writing up the conceptual/theoretical framework for one of my papers. I have to say 'Grammarly' is becoming very handy at this stage – picked up a number of typos and also suggested some relevant word/s as appropriate I believe this is going to be useful for our academic staff members/researchers."

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Upcoming Grant Schemes



Human Frontier Science Program

Guidelines for 2018 Program and Young Investigator applications are now available. Applications will be made via the HFSP extranet website which is now operational. You must initiate an application (with a 2018 reference number) via the website **by March 20th, 2017**. Submission of Letters of Intent deadline: March 30th, 2017

<http://www.hfsp.org/funding/research-grants/information-and-guidelines>

Australia & Pacific Science Foundation

Typically the APSF provides project grants up to AUD\$15,000 per year for up to three years. Grants are awarded to institutions within Australia or other countries of the South West Pacific region for activities within those countries or within the region.

The project is in the biological or biophysical sciences or has application in those areas, as exemplified in projects described on this web site, and is not medical research.

The next round of applications will close at **5.00pm on Friday March 10, 2017 for new grants beginning in July 2017**.

<http://apscience.org.au/guidelines.html>

Australia – Japan Foundation Grants

The Australia-Japan Foundation's 2017 Grants Round and 2017 Publication Awards **open at 9.00am Monday 6 February** and **closes at 2.00pm Thursday 6 April 2017** (Australian Eastern Standard Time). This is for applicants seeking grants during the 2017-18 financial year.

The AJF currently supports projects under the broad themes of arts and culture (including sport), education and economic diplomacy **There were several Science related grants in 2016.*

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/australia-japan-foundation/grants/Pages/ajf-grant-recipients-2015-16.aspx#education>

Council for Australian- Arab Relations

The Council for Australian-Arab Relations (CAAR) supports projects that enhance **Australia's economic, cultural and social relations** with the **Arab world**. Applicants should carefully read these guidelines before submitting their application. **Closing 3 April 2017**.

Funding will generally be above a minimum of AUD 10,000 per grant, and up to a maximum of AUD 40,000.

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/caar/grants/pages/grants.aspx#part3>

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2017 Australian Museum Eureka Prizes – Open soon

Applications for the *2017 Australian Museum Eureka Prizes* open on 10 February 2017, with entries closing on 5 May 2017. Established in 1990 to reward outstanding achievements in Australian science and science communication.

There are over 16 prizes over four categories to be awarded including:

- Outstanding Early Career Researchers,
- Innovative Use of Technology,
- Emerging Leader in Science'
- Environmental Research, and

- Excellence in Interdisciplinary Scientific Research.

The winner of each category receives not only the prestigious award but also a cash prize. More information can be found on the [Australian Museum website](#).

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Globally Harmonised System of Classification and Labelling of Chemicals



From 1 January 2017, New South Wales and most other states, require workplace hazardous chemicals to be labelled in accordance with the Globally Harmonized System of Classification and Labelling (GHS).

Users of hazardous chemicals need to take action on changes to labelling and classification. The changes affect the way chemicals are classified and how information is communicated.

More information is available from the [SafeWork NSW website](#).

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CSU RESEARCH WORKSHOPS AND ADMIN CHANGES

Consultation on CSU Research Narrative 2017 (RN17) – Closing 10 February

HURRY!
HURRY!
HURRY!

Time is running out if you would like to have some input into the new CSU Research Narrative with the consultation period finishing on the **10th of February**.

The current Research Narrative was first developed in 2014 as an internal CSU document designed to assist in framing the University's ethos and rationale in research. In the past two years there have been significant changes in the research landscape, within the university and externally on a national scale.

RN17 is intended to drive solution-focussed research that reflects our existing areas of strength and challenges, represent CSU Research externally to build profile as an institution and to attract and invite partnerships and collaborations, and align with the new University Strategy 2017-2022, and will be consistent with our mission "*For the Public Good*".

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Submission of Research Outputs for 2016 - Reminder



The Research Outputs Collection (ROC) is essential to inform CSU's research planning and support mechanisms.

The deadline for submission of both traditional and non-traditional research outputs generated by CSU staff.

Submission of 2016 outputs needs to be made by no later than **Friday 31 March 2017**.

The output categories included for the ROC are:

A1: Books - authored research (5 points)

B1: Book Chapter (1 point)

C1: Journal Articles - refereed article in a scholarly journal (1 point)

E1: Conference Publications - full written paper refereed (1 point)

J10: Creative works (points sliding scale from 0.25 - 5)

R: Research report (points sliding scale from 1 – 5)

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NEW Notice to Submit (NTS) Form



The Research Office has recently amended the Notice to Submit (NTS) form to capture more key information. The NTS must be sent to the research office 10 working days before the external submission date.

For grants administered by a School, an additional signatory is now required on the NTS Form. After you have obtained the Head of School signature your application and NTS form should be forwarded to the ADR, who will approve the form under the “Delegated Authority – Executive Dean or Delegate.

The exception will be for projects that are administered via a Research Centre – in that instance the HOS signatures are required for all Schools/areas listed on the NTS, and the Centre Director will be the final signatory on the NTS.

Please be aware that old versions of the form will no longer be accepted and we encourage you to access the form directly from the link above to ensure you are accessing the current form.

The new form can be accessed on the RO webpage at <http://www.csu.edu.au/research/forms-facts/forms>

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Professional Development Calendar for HDR and Researchers Released

The Research Office coordinates a variety of professional development programs for Researchers, HDR Candidates and HDR Supervisors each year. Additional programs are continually being included as are programs being developed for particular needs.

Upcoming sessions in February include *Exploring research methods using Sage Research* and *Module 1 of My Research Career – Research landscape, priority and time management*.

[Professional Development Calendar](#)

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Do You Do Health Research?



Professor Linda Shields is seeking to make contact with any CSU researcher conducting health research to form links and collaborations. Linda's message:

Do you work at CSU in any capacity - full time, part time, casual etc., and do research in any way related to health? It can be research centred at another university, or a health service; you could be a collaborator with a study in another country, or anything really.

As I have become "Professor of Rural Health" I'm trying to get my head around who is doing any research about health. I don't have any money to give out, I don't want to know this so I can chase anyone up, I just would like to be able to link people up and maximise CSU's research opportunities - locally, nationally and internationally.

Contact Linda on 0419 490 431

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Faculty of Science Ethics – Changes to Forms

The NHMRC has recently replaced the National Ethics Application Form (NEAF) to the Human Research Ethics Application (HREA) which can be downloaded from the [HREA webpage](#). **Both forms will be accepted until June 2017.**

Please note that you will need to sign up to a new account for HREA – so please leave enough time.

[The Faculty of Science Low Risk Ethics Committee](#) has a new webpage which gives information specifically about the processes for the FOS Low Risk Human Ethics Committee.

The screenshot shows the Charles Sturt University website. The main heading is 'FACULTY OF SCIENCE'. Below it, there is a navigation menu with categories like 'Faculty Home', 'Research', 'Teaching and Learning', 'Support and Services', and 'About Us'. The main content area is titled 'Human Research Ethics Committees and Processes' and 'Levels of Risk and Ethics Committees'. It includes a search bar and a list of links for 'STEP 1: Determining the level of your ethics application', 'STEP 2: Submission process for Faculty of Science (Low Risk) Human Ethics Committee', 'STEP 3: Approval Process', 'STEP 4: Managing Approved Projects', and 'Meeting Dates and Contacts Details'.

Upcoming meetings

Submission Deadline	Meeting Date
Thursday 2 February	Thursday 9 February
Thursday 2 March	Thursday 9 March

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Want to Tailor Your Own Grant Searches?



Researchers are strongly encouraged to utilise the CSU subscription to Research Professional to search for funding opportunities in 2017. You are the one that knows your research best, and are the best person to run searches on RP. You can also set up alerts to let you know when new grants come up.

Research Professional is running a series of live online broadcast training sessions. Each session will provide an introduction to the Research Professional platform, demonstrate how to locate funding opportunities that match your research interests and show how to set up email alerts to keep you informed of new developments.

Friday, March 31st 2017 10am – 11am - [attendee registration](#)

Friday, May 26th 2017 10am – 11am - [attendee registration](#)

Contact the [Library Faculty Liaison staff](#) to set up an individual tailored session at your desk.

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Change of Faculty of Science Org Codes

Organisation (Org) Codes for the Faculty of Science have been revised with the revised Org structure being implemented effective 1 January, 2017.

More information can be found <S:\Common\Temp Folder Less Than 30 Days\FOS - Revised Org Code Structure from 2017>

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And finally, how to look smarter in meetings.....

Just what we need at the start of the year when everyone is really dreaming of the beach from drawing a Venn to pretending to take notes...and no one will ever know. The full list can be found [here](#).

#4 NOD CONTINUOUSLY WHILE PRETENDING TO TAKE NOTES

Always bring a notepad with you.
Your rejection of technology will
be revered.

Take notes by simply writing
down one word from every
sentence that you hear.

Nod continuously while
doing so.



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Next Issue: If you would like to contribute a story to the next issue please submit it to **Deborah or Melanie** by the **20th of February**. The next issue will be released in the first week of **March**.

Until next issue.....

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