



Society for
**Reproductive
Biology**

May 2020 edition

HIGHLIGHTS

COVID-19 IMPACTS

Our thoughts are with all of those in our extended SRB communities impacted by the COVID-19 pandemic. The ongoing health and accompanying economic insults are affecting many across our global communities. As an indirect result of this crisis, we have sadly had to cancel the SRB 2020 annual meeting. [Further details on page 2.](#)

TRIBUTE TO PROFESSOR MICHELLE LANE

SRB pays tribute to an extraordinary scientist and great friend within our community. [Further details on page 4](#)

CONGRATULATIONS TO AWARD RECIPIENTS

We celebrate our Brian Setchell and ECR Collaborative Research award recipients. [Further details on page 17](#)

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In the last six months, so much has changed for SRB. The most significant change is the need to cancel the 2020 scientific meeting. While we were quite confident about the health and safety of going to Christchurch in November, and certain we would get good attendance, we were 'snookered' by New Zealand labour restrictions. Christchurch is in the process of building a new convention centre which was due to be completed in the third quarter of this year. Because of the need to close building sites, the centre will not be completed until early 2021. As such, we (and our partner societies) had no choice other than to cancel the meeting. Fortunately, the financial implications of this forced cancellation are minimal. SRB is committed to returning to New Zealand for an annual meeting in the near future and are already exploring this possibility.

Despite sadly having to cancel our 2020 meeting in Christchurch, we will still be offering several awards in partnership with our sponsors

Council, in partnership with our sponsors, will however run several of our awards 'virtually'. These include: the David Healy New Investigator Award (sponsored by the Department of Obstetrics and Gynaecology at Monash University), the Newcastle Reproduction Emerging Research Leader Award (sponsored by the Priority Research Centre in Reproductive Sciences at the University of Newcastle) and the ANZPRA New Investigator Award (sponsored by the Australian and New Zealand Placental Research Association). While the exact dates and formats of these awards are yet to be set, we anticipate opening applications in the middle of the year. This will be widely advertised and all eligible ECR and MCRs are encouraged to apply.

We will also be calling for applications for SRB Fellows and Life Members. An announcement on the nomination deadlines will be made at the end of May. Successful awardees will be announced and celebrated, via email and social media channels, and they will be presented with their honours at the 2021 scientific meeting. Please start considering who you would like to nominate. For any enquiries please contact Shaun Roman (Shaun.Roman@newcastle.edu.au)



I am however, delighted to let you know that the 2021 SRB conference will be held at the Melbourne Convention and Exhibition Centre, 21-24 November 2021, in partnership with Endocrine Society of Australia (ESA) and the Australian and New Zealand Bone and Mineral Society (ANZBMS). The plenary speakers for the 2020 SRB meeting have graciously agreed to speak in 2021 and include: Bruce Murphy (University of Montreal, SRB President's Lecturer), Neil Gemmell (University of Otago, SRB Founders' Lecturer) and Sarah Kimmins (McGill University, SRB-ESA joint lecturer). The Program Organising Co-chairs for the 2021 meeting will be Andrew Pask (University of Melbourne), John Schjenken (University of Newcastle) and, new to the team, Tu'uhevaha Kaitu'u-lino (University of Melbourne).

Lastly, I personally want to thank the whole SRB council, ASN, Mike Pankhurst (the LOC for the ill-fated 2020 meeting) and our program organising co-chairs, John Schjenken and Andy Pask for the huge effort they put into organising the 2020 meeting. It has not been wasted as we are primed for the 2021 meeting. I also want to thank Jane Girling, SRB treasurer (and a gang of recent past treasurers and presidents), who are attempting to ride the stock market through this period of change on SRB's behalf. As you will see below, thanks to Jane we are in good shape.

Take care,

**Prof Moira O'Bryan,
SRB President**



PROFESSOR MICHELLE LANE



Society for
**Reproductive
Biology**



Many SRB members would now be aware of the recent passing of SRB member and Fellow, Professor Michelle Lane. Michelle had been battling a serious illness for some years.

Michelle will be remembered as an extraordinary scientist and great friend to many SRB members. Michelle and her group made profound advances in discovery and applied research in embryology, that underpin modern IVF and ART clinical practice. Her work touched upon male and female gamete quality, IVF practice, and public health. She was a cell and molecular biologist, geneticist, biochemist and biotechnologist. Michelle was someone committed to translation and communicating the importance of reproductive health to Australians. Michelle was a Professor within the Robinson Research Institute (RRI) at The University of Adelaide, and the Director of Research and Development for the Monash IVF Group. She was a valued colleague and collaborator, committed supervisor and mentor, inspiring role model and a dear friend to many SRB members. She will be greatly missed.

Here is our tribute to Michelle Lane, edited from reflections provided by SRB Members Dr Nicole McPherson, Prof Jeremy Thompson, Prof Rebecca Robker and Assoc/Prof Deidre Zander-Fox. It highlights her many achievements and the legacy of her dedication to training and mentoring the next generation of researchers in the field of IVF.



Michelle's excitement and enthusiasm for early embryo development was clearly evident while teaching undergraduate lectures, and drew many students to join her research teams. Her passion, ability to translate research findings into clinical practice, friendship and mentorship helped encourage previous students to remain and continue to contribute to research and clinical translation, at both Repromed and the Monash IVF Group. Many of her colleagues have described her as an energetic and driven researcher. She demanded the best from her students and staff; the classic 'first step' for working with Michelle was to arrange a number of mouse preimplantation embryos into your initials within a drop of medium under oil. Only those who could, in a reasonable time-frame, were endorsed.

“Her passion, ability to translate research findings into clinical practice, friendship and mentorship helped encourage previous students to remain and continue to contribute to research and clinical translation, at both Repromed and the Monash IVF Group.”

The key focus of her research was to determine: What are the key features of a successful, pregnancy-establishing embryo? Her pursuit to find the answer to this question led her to study embryo metabolism and ATP production, and the role played by mitochondria in sperm, oocytes and embryos. She was fascinated by her work and established many collaborations with scientists and clinicians, to help find the answers to her research questions. She was usually ahead of the game on important research paradigms; for example, she was the first to investigate the malate-aspartate shuttle and its importance to embryo development, she was also the first to recognise the importance of the Sirtuin family of proteins for epigenetic regulation. Michelle also spear-headed research that supported the DOHaD hypothesis, particularly the impact of paternal obesity on offspring health and fertility.



Michelle devoted a huge amount of energy to the design and implementation of the facilities at the new Adelaide Health and Medical School. The embryology suite in particular is a testament to the high calibre of her expertise. Many of her colleagues within the RRI have been directly trained in mouse embryology and uterine transfers by Michelle; and her textbook 'A Laboratory Guide to the Mammalian Embryo' is essential reading for all in our field. Michelle, along with David Gardner, created an enormously impactful legacy that has shaped how a clinical ART lab should function. Michelle epitomised the scientist-inventor. She made basic science discoveries in mouse models, translated her findings in humans, patented their utility and saw them adopted into clinical practice.

“Michelle was a scientist, inventor, mentor, friend but foremost, a loving and caring mother.”

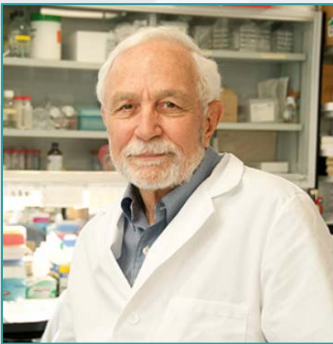
Michelle was a scientist, inventor, mentor, friend but foremost, a loving and caring mother. Although a significant advocate for women in STEM, she always reminded her staff of the importance of putting one thing above all others - family. Outside of work, Michelle loved being a part of the Adelaide Hills community and she loved her sport. She was actively involved in local sport, particularly the footy club, social tennis and women's cricket, and a devoted North Melbourne Australian Rules Football supporter.

Compiled by Lisa Akison



We are delighted share that the 2021 SRB conference will be held at the Melbourne Convention and Exhibition Centre, 21-24 November 2021, in partnership with Endocrine Society of Australia (ESA) and the Australian and New Zealand Bone and Mineral Society (ANZBMS). The plenary speakers for the 2020 SRB meeting are:

Bruce Murphy



University of Montreal,
SRB President's Lecturer

Neil Gemmell



University of Otago,
SRB Founders' Lecturer

Sarah Kimmins



McGill University,
SRB-ESA joint lecturer

We look forward to connecting with you all in 2021
at Melbourne Convention and Exhibition Centre.

SAVE THE DATE
ESA-SRB-ANZBMS
21-24 November 2021





The total number of members at March 17th, 2020, was 290. There are a large number of lapsed subscriptions (78) - please renew your membership and support our Society

Benefits of being a SRB member:

- Access to the premier organisation representing the interests of reproductive scientists throughout Australasia
- Invitation to attend the annual conference
- Subsidised conference registration fees
- Access to e-mail news
- Subscription to the Newsletter published bi-annually
- Eligibility for awards
- Eligibility to nominate for committee positions
- Reduced subscription fees to Journal of Reproduction, Fertility and Development
- Membership in Science and Technology Australia (STA)
- Eligibility for discounted affiliate membership with SSR

Additional benefits for student members:

- Eligibility for travel awards to attend the Annual Scientific Conference
- Eligibility for awards
- Eligibility to nominate for student representative committee position

JOIN/RENEW here <https://www.srb.org.au/join-srb>

We thank those current members in their support for the Society in these testing times.



Kia ora koutou

Well, what times we are living in! I hope you are all staying safely isolated in your bubbles.

In terms of our investments, SRB has taken a big hit as has everyone. However, we are keeping an eye on things with valued advice from Greg at GANT Financials. SRB is in a lucky position as we have a good amount of cash in the bank, so we are not panicking. The process of reviewing our investments started before the pandemic began, but the Committee has decided to keep things on hold until the situation worldwide settles.

Don't forget to renew your SRB membership when the reminders come through!

Please look after yourselves and keep your whānau close.

Ngā mihi

Jane Girling
Treasurer



Interview with **Dr Dulama Richani** from the University of New South Wales, Sydney. *Written by Dr Amy Winship*

What has been your most exciting discovery in the lab?

For my PhD, I studied the regulation of EGF-like peptide signalling in mouse cumulus cells and the effect of various oocyte in vitro maturation (IVM) protocols on this network. I showed that standard IVM protocols lead to perturbation of this signalling network and that ameliorating this deficiency improved mouse embryo development and oocyte metabolism. The results lay the foundation for a more physiological approach to IVM to treat infertility in women and domestic mammals, and led to the incorporation of EGF-like peptides into a novel IVM system developed by our collaborators which is now in clinical practice.

“This [undertaking honours] was the best decision I made because, although I gained new insight and experience outside of research, that year away gave me clarity and I saw that medical research is where my heart lies”

Why did you choose a career in research?

My first taste of research was Honours where I investigated the metabolic consequences of lysosomal storage diseases. I continued research in this field as a research assistant for a year, but I still wasn't sure that I wanted a career in research. To explore other avenues, I left research for a corporate position for one year. This was the best decision I made because, although I gained new insight and experience outside of research, that year away gave me clarity and I saw that medical research is where my heart lies. I craved the intellectual stimulation it offered. I started looking for an interesting PhD project and I haven't looked back since.



Why do you think reproduction is so important?

The study of reproduction has benefited humanity on many fronts: helping infertile people have children, preventing unwanted pregnancy, improving livestock breeding, animal conservation, fertility preservation, pest animal control, and so on. Therefore, reproduction immensely impacts every person's life, both at the level of the individual and to the planet.

“Find a postdoctoral supervisor who enthusiastically supports your budding career; one who is invested in your success and will help you rise by putting you forward for opportunities.”



What would you tell budding researchers about a career in science?

A career in science research is a great privilege for many reasons. You are in a dynamic environment where you never stop learning and growing, you get to make a contribution to society (as small as it might be) and you get paid to do it. However, there is a dark side. Pursuing a career as a research scientist has never been more difficult. Funding is increasingly difficult to come by and job uncertainty is always in the background- so you'd better find an area of research that you're passionate about, otherwise it's going to feel like a hard slog! They say grit and resilience are essential for longevity in research. Also, try to find a postdoctoral supervisor who enthusiastically supports your budding career; one who is invested in your success and will help you rise by putting you forward for opportunities.

If you could have any super power, what would it be?

The power of foresight would make life a lot easier. For example, I would have known to buy some toilet paper in January.



I hope you are all well and are managing to adjust as best as possible to the new type of normal we have found ourselves in, during this challenging time.

“In the coming months we will be holding elections to fill positions on Council vacated by those whose terms of service are coming to an end.”

In the coming months we will be holding elections to fill positions on Council vacated by those whose terms of service are coming to an end. If you are considering nominating for one of the vacant positions, the call for nominations for the position of President-elect and one Ordinary Council member will be sent out soon, with nominations due by the end of June. Please be aware that all full members of the Society are eligible to nominate for these positions and I would strongly encourage you to do so. If you feel you might be interested in nominating but wish to find out more information before doing so, please feel free to contact either Moira or myself. All new Council members will take up their positions immediately following the Annual General Meeting that will be held later in the year for a period of three years.


In addition, we will also be seeking to appoint a new Early Career Representative (ECR) and a new Student Representative, so start thinking about either nominating yourself for one of these positions or please consider nominating someone you feel would make a great ECR or Student Representative.

Please take care of yourselves, stay well and I look forward to being able to catch up with you all again in person on the other side of this.
Best wishes,

David Sharkey
SRB Secretary



Reproductive health research in Australia and New Zealand: highlights from the Annual Meeting of the Society for Reproductive Biology, 2019

Amy Winship ^A, Jacqueline Donoghue ^B, Brendan J. Houston ^C, Jacinta H. Martin ^D, Tessa Lord ^{D E}, Alaknanda Adwal ^F, Macarena Gonzalez ^F, Elodie Desroziers ^{G H}, Gulfam Ahmad ^I, Dulama Richani ^J and Elizabeth G. Bromfield  ^{E K L}

+ Author Affiliations

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Abstract

The 2019 meeting of the Society for Reproductive Biology (SRB) provided a platform for the dissemination of new knowledge and innovations to improve reproductive health in humans, enhance animal breeding efficiency and understand the effect of the environment on reproductive processes. The effects of environment and lifestyle on fertility and animal behaviour are emerging as the most important modern issues facing reproductive health. Here, we summarise key highlights from recent work on endocrine-disrupting chemicals and diet- and lifestyle-induced metabolic changes and how these factors affect reproduction. This is particularly important to discuss in the context of potential effects on the reproductive potential that may be imparted to future generations of humans and animals. In addition to key summaries of new work in the male and female reproductive tract and on the health of the placenta, for the first time the SRB meeting included a workshop on endometriosis. This was an important opportunity for researchers, healthcare professionals and patient advocates to unite and provide critical updates on efforts to reduce the effect of this chronic disease and to improve the welfare of the women it affects. These new findings and directions are captured in this review.

Reproduction, Fertility and Development

<https://www.publish.csiro.au/RD/RD19449>



We are proud to have created a **Code of Conduct** that we ask our members to adhere to at all times when participating in SRB events. It outlines the responsibilities of SRB members and conference attendees to ensure that everyone has a positive experience.

Importantly, it also outlines rules in regard to conference presentations to ensure that our participants have their data protected.

You can read the Code of Conduct on our website and you will also be asked to tick a checkbox when registering for future meetings to indicate that you have read, understand and agree to the Code of Conduct.

In May, we put a **call out for the RFD best paper award** - this will be open to members who have had their paper accepted in the last 18 months - so keep an eye out for the email calling for submissions.

Wishing everyone good health during these challenging times,

Tu'uhevaha Kaitu'u-Lino



Staying connected with the reproductive community

Now, more than ever, it is vital that we leverage online communication platforms to support each other. As you adapt to researching at home, stay connected and up-to-date with what is happening in the reproductive biology community. Staying connected will help you to focus on research achievements and success stories, and to identify effective strategies in adjusting to researching from home. See the excellent guide to social media platforms recently put out by the Society for the Study of Reproduction (SSR) Public Affairs Committee for some inspiration! You'll find it at the end of this newsletter

Follow SRB on Facebook and Twitter: SRB currently has 1,739 followers on our Facebook site and 2198 followers on Twitter. Additionally, make the time to arrange mini satellite meetings with your research teams and collaborators (using Zoom, Skype, Teams), and attend online workshops to expand your research networks. “Virtual happy hour” with your peers is a fun way also to stay in touch...

And, we would all welcome good news stories amidst the COVID-19 newsfeed! So if you have news to share please let us know! SRB is always keen to promote your research profile and latest papers. Whether you are a regular user of social media or not, this method of communicating to your peers, the media and the general public is here to stay and is a powerful way to spread the word about your research.

If you aren't on social media, but would still like to publicise an event or your latest paper using these platforms, please contact Kelly (Kelly.Walton@monash.edu) or Lisa (l.akison@uq.edu.au) and we will do it for you!

“Virtual happy hour” with your peers is a fun way also to stay in touch...”



SRB celebrates 2020 STEM Ambassador, Dr Kiri Beilby
Congratulations to Dr Kiri Beilby from Monash University who has been chosen by Science and Technology Australia for the 2020 STEM Ambassador program. Dr Beilby will serve as a STEM ambassador for her local MP to help bridge the gap between science and government.

**Congratulations to
STEM ambassador,
Dr Kiri Beilby from
Monash Health**



As a reproductive biologist, Dr Beilby hopes that her role as STA Ambassador will give her greater insights into how State and Federal governance can be positively influenced to improve the health of our entire community. Read more here:

<https://www.monash.edu/medicine/news/latest/2020-articles/dr-kiri-beilby-to-represent-electorate-as-sta-stem-ambassador>

SRB Website

The SRB website is being continually updated to provide an engaging and user-friendly experience across all devices. We recently put a call out for images to feature on the banner located on the homepage. If you have any engaging images that could be included, please send these through for consideration. We would be happy to feature the 'artists' of these images on the webpage. Feedback on the functionality of the new webpage is also welcome. You will find the webpage here: <https://www.srb.org.au/>

Written by Lisa Akison and Kelly Walton



CONGRATULATIONS to the following Award recipients:



Dr Alison Care



Dr Amy Winship

SRB ECR Collaborative Research Travel Award went to Dr Alison Care (University of Adelaide/Robinson Institute - host applicant) and Dr Amy Winship (Monash University - travelling applicant). Dr Care is a specialist in measuring uterine artery blood flow in rodents using Doppler ultrasound, while Dr Winship specialises in the effects of cancer therapies on the ovary and reproductive tract. Together, their research will uncover the mechanisms underlying radio-therapy mediated uterine damage.



SRB Brian Setchell Visiting Lecturer Award (Round 1 - travel first half of 2020) which was awarded to Dr Padma Murthi from Monash University. Dr Murthi is a reproductive biologist and placentologist with research expertise in placental development and function in human idiopathic fetal growth restriction.

Please note, that due to the COVID19 pandemic and widespread travel restrictions, council has regrettably decided to not proceed with the second round of the Brian Setchell Visiting Lecturer Award in 2020.

<https://www.srb.org.au/travel-grants>



SRB award opportunities for 2020

A highlight of the SRB conference includes our prestigious awards that recognise your important contributions to reproductive biology. In 2020, while the conference may not be proceeding as planned, SRB in conjunction with our sponsors, are delighted to be able to hold some of our award sessions virtually. We are currently in discussion with the SRB committee and our sponsors as to the dates and format for these awards and we will distribute this widely once it has been decided on. We anticipate applications will open mid-year and we encourage all eligible SRB members to apply.

Please consider nominating a colleague, or applying for one of the following awards yourself:

2020 Newcastle Reproduction Emerging Research Leader Award -

This award seeks to recognise an emerging and excellent contributor in the field of Reproductive Biology who is a member of the SRB. This highly contested award is conferred to an early career researcher for the best oral presentation, with consideration of the applicant's track record. The quality of talks is always excellent and the distinction of this award is reflected by the outstanding careers of past winners. Inclusion criteria are applicants must be within 8 years post-PhD on June 30, 2020; career disruption is recognised according to NHMRC guidelines. Applicants must be a member of SRB at the time of application.

2019 Kylie Dunning and Amy Winship were jointly awarded the Newcastle Reproduction Emerging Research Leader Award.

Details for all awards: <http://www.srb.org.au/main-menu/travel-grants-and-awards/>



The David Healy and SRB/ANZPRA Student and ECR Awards - An integral part of the SRB Conference includes our Student and ECR awards that recognise SRB and ANZPRA members' important contributions to reproductive biology and enhance our members career development. The application deadline for these awards is June 30, and we strongly encourage all SRB and ANZPRA members who are eligible to apply for appropriate awards.

Further details at <http://www.srb.org.au/main-menu/travel-grants-and-awards/>

SRB award sessions provide an excellent opportunity for you to be recognised for your outstanding contributions to research. Furthermore, the awards attract generous cash prizes. If you are eligible, or you know someone who is, please consider applying for these outstanding awards or nominating your colleague (with their consent).

Up-date on the Oozoa Award - We are really grateful to David and Sharon Mortimer for their long-term support of SRB and the Oozoa Award. For over a decade the Mortimers, through their company Oozoa Biomedical, have sponsored the SRB Oozoa award. It has been a highlight of our conference. Due to the change in timing of our conference to November, the Mortimers sadly will be unable to travel from their home base in the northern hemisphere. We wish them all the very best and hope to cross paths in the future.

Thank you to our generous sponsors - Department of Obstetrics and Gynaecology at Monash University, Priority Research Centre in Reproductive Sciences at the University of Newcastle, the Australian and New Zealand Placental Research Association.



China National Convention Center (CNCC)

5th World Congress of Reproductive Biology for Science and Technology will be held at CNCC, in the north part of Beijing, which is next to the Olympic Green station of subway line 8. CNCC is in the central area of the Olympic Green Park, surrounded by the China National Stadium (Bird Nest), the National Aquatics Center (Water Cube) and the National Indoor Stadium. It is convenient to reach the city center, airport and Beijing Railway station. More information can be found at <http://www.cnccchina.com>

Registration and Call for Abstract starts

September 1, 2020

Abstract Submission Deadline

February 28, 2021

Early Bird Registration Deadline

May 31, 2021

Online Registration Deadline

September 1, 2021

On-site Registration Dates

September 15-17, 2021



Prof Moira O'Bryan
President



Dr David Sharkey
Secretary



Dr Jane Girling
Treasurer



Prof Andrew Pask
POC Co-Chair



Dr John Schjenken
POC Co-Chair



Dr Fiona Brownfoot
Awards/Sponsorship



Dr Shaun Roman
Fellows/Life Member/
Plenary Lecturer



Dr Kelly Walton
Public Relations/Website



A/Prof Mark Baker
Newsletter



Dr Tu'uhevaha Kaitu'u-Lino
Conference Booth/RFD Liason



A/Prof Simon de Graaf
Livestock Sector Liaison



Dr Lisa Akison
Communications Secretary



Dr Amy Winship
ECR Rep



Meaghan Griffiths
Student Rep



Saije Morosin
Student Rep





Dr Dulama Richani
ECR Rep



Prof Jeremy Thompson
Co-Opted Member/ Public Officer

Enhance Your Science with Social Media

Quick guide to social media platforms

	Description	Your Goal	Cons	Pros
	<ul style="list-style-type: none"> • Social networking site using short 280-character messages and URLs (a.k.a. "Tweets"). • Your profile page generates traffic to your website and enables institutions, colleagues or the media to cite or "mention" you when they talk about your work. • Use Twitter to share or "retweet" information from a group or organization (e.g., NIH, department or research group, Scientific Society). • "Follow" the Tweets of your friends, colleagues in the field, scientific journals, foundations, science bloggers etc. 	<ul style="list-style-type: none"> • Publicize work related content (e.g. published papers, open positions, research achievements). • Boost your professional profile • Attract students and trainees to your lab. • Follow discussions and comment on research. • Stay up to date with research news and publications. • Discover recommended papers. • Get information about funding opportunities and conferences (e.g. NIH posts RFAs, FASEB). • Act as public voice for science. 	<ul style="list-style-type: none"> • Posts are quickly buried under new content. • Gaining followers can be a slow and difficult process. • Not great for in-depth discussions, though you can now create "threads" that allow you to link Tweets together into a larger story. 	<ul style="list-style-type: none"> • Active scientist community • Creating a research network. • Accessing science stories relevant to your research interests. • Publicizing your work. • Updates from special events such as conferences. • Engaging with a broader audience (journalists, media offices, foundations, patients). • Low time investment, short posts. • Global reach. • Easy to find and follow anyone without needing permission (usually).
	<ul style="list-style-type: none"> • The world's largest professional networking platform. • Create a profile using your CV, including skills and past research experience. 	<ul style="list-style-type: none"> • Create a network of colleagues and professionals in your field from whom you can seek advice. • Stay in touch with past and present colleagues. • Useful for job search to discover connections and learn about potential employers. 	<ul style="list-style-type: none"> • Oriented more towards recruitment. • Business-minded user base. 	<ul style="list-style-type: none"> • Networking opportunities. • Making contacts outside academia. • Job search and advertising. • Global reach.
	<ul style="list-style-type: none"> • Social networking site that allows you to post and share photos, videos, links, and messages to your profile. • Pages can be created by individuals, interest groups, and/or specific organizations (e.g., labs or research groups) and followed by anyone. 	<ul style="list-style-type: none"> • Maintain friendships with former lab members, classmates, and colleagues. • Promote interest groups, societies and foundations. • Publicize your work, especially lay descriptions or news articles. 	<ul style="list-style-type: none"> • Privacy concerns. • Interacting with professional, personal and family friends in the same social network can create issues. 	<ul style="list-style-type: none"> • Creating a research network. • Ability to create "groups" and "pages" for a person or cause. • Global reach.
	<ul style="list-style-type: none"> • Blogs give individual users a platform for long-form narrative and content sharing. • Blogs can easily be used for a lab/ research group for public outreach, lab news, and comments. • Blogs welcome all ages and professions. • They are easily searchable via standard web search. 	<ul style="list-style-type: none"> • Share research, insights and expert opinions. • Communicate science to non-specialist audiences. • Outreach and advocacy work. 	<ul style="list-style-type: none"> • Time investment for preparing thoughtful posts. • Expressed opinions may attract unwanted attention. • Posts need to be advertised via other platforms. • Shared scientific results are not peer-reviewed. 	<ul style="list-style-type: none"> • Allows creative writing and more freedom • Fast, self-published, and usually free. • You are the writer, editor and publisher. • Easy to start with available templates. • Community and lay audience outreach.
	<ul style="list-style-type: none"> • Video-sharing platform where users can upload original videos and watch videos that others have created. • Users can subscribe to other users and channels. • Can be used by universities and other research institutions for educational and/or PR purposes. 	<ul style="list-style-type: none"> • Communicate science. • Create and share videos. • Learn and teach about science topics, tutorials for scientific techniques, crash courses. 	<ul style="list-style-type: none"> • Privacy concerns. • Time-consuming. • Requires video recording, editing and/or animation skills. 	<ul style="list-style-type: none"> • Allows creativity and more freedom. • Fast, self-published, and usually free. • You are the writer, editor and publisher. • Community and lay audience outreach.
	<ul style="list-style-type: none"> • A platform for sharing images or snapshots of your daily science life. • Images can be found by users searching for the "hashtags" you include in the post. 	<ul style="list-style-type: none"> • Showcase science imagery, diagrams, journal covers, your presence at an event, graphical abstracts, etc. • Chronicle daily science life in photos or text thoughts. 	<ul style="list-style-type: none"> • Not useful if you don't have images to share. • The only website link available is on your profile, you cannot link in a post. 	<ul style="list-style-type: none"> • Has a highly active scientist community. • Fastest-growing platform. • An opportunity to show what you do in pictures.