

IDR Breast MRgFUS Mtg  
11 May 2023

→ The Cancer Imaging Archive ←

- Review Award details
  - \$60k for 2023, \$60k for 2024
    - Travel, Equipment, Supplies, Contractual Services, Core/Shared User Facility Use
  - Acknowledge "Simmons Research Endowment" **BYU**
  - One-page annual report due Aug 1, 2024 (summary of results, detailed list of proposals submitted and planned)
  - Final report due Aug 1, 2025 (summary of results, list of papers submitted, detailed list of proposals submitted and planned)
- Initial budget (see back side)
- Account to charge for student wages: 20246199-5670-0000
- Review IDR Aims
- Student hiring
  - David (Stats): Jason Cook
  - Chris (Me En): Christian Valencia Narva
  - Porter (CS):
  - Steven (EC En):
- Supplies/Equipment
  - Drawing tablets for segmentation
    - [https://www.amazon.com/Computer-Graphics-UGEE-S640-Battery-Free/dp/B09MLR8BC6/ref=sr\\_1\\_37\\_sspa?crid=2D9KE928QIPJO&keyword=s=drawing%2Btablet%2Bdigital&qid=1683656317&refinements=p\\_36%3A1000-3000&rnid=386442011&s=electronics&srefix=drawing%2Btablet%2Bdigital%2Celectronics%2C133&sr=1-37-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyRIJLMjVaWVdLUTIHMjVuY3J5cHRIZElkPUeWNA3MDkzNU9aMFNCsZcyMlpJJmVuY3J5cHRIZEFkSWQ9QTA4ODc4ODIXVFU5QkZJNVE1TjAmd2lkZ2V0TmFtZT1zcF9idGYmYWwN0aW9uPWNSaWNrUmVkaXJlY3QmZG9Ob3RMb2dDbGljaz10cnVI&th=1](https://www.amazon.com/Computer-Graphics-UGEE-S640-Battery-Free/dp/B09MLR8BC6/ref=sr_1_37_sspa?crid=2D9KE928QIPJO&keyword=s=drawing%2Btablet%2Bdigital&qid=1683656317&refinements=p_36%3A1000-3000&rnid=386442011&s=electronics&srefix=drawing%2Btablet%2Bdigital%2Celectronics%2C133&sr=1-37-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyRIJLMjVaWVdLUTIHMjVuY3J5cHRIZElkPUeWNA3MDkzNU9aMFNCsZcyMlpJJmVuY3J5cHRIZEFkSWQ9QTA4ODc4ODIXVFU5QkZJNVE1TjAmd2lkZ2V0TmFtZT1zcF9idGYmYWwN0aW9uPWNSaWNrUmVkaXJlY3QmZG9Ob3RMb2dDbGljaz10cnVI&th=1)
  - Breast MR coil
- Tasks
  - 
  - 
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[remarkable]

Aim 1c Jason & David

### Study Budget

Item	Year 1	Year 2	Total
Undergraduate Student Support (10)	12000	12000	24000
Graduate Student Support (3.5)	36000	46000	82000
MRI Scanner Usage	8000	0	8000
Subject Compensation	2000	0	2000
Supplies	2000	2000	4000
<b>Total</b>	<b>60000</b>	<b>60000</b>	<b>120000</b>

### Budget Narrative

A total of **\$120,000** is requested over the two-year period of this proposal. Of this amount, a total of **\$82,000** is requested to support three graduate students (mentored by Drs. Dillon, Dahl, and Jenkins) who will perform, respectively, Aims 1.a - 1.b, 1.c, and 2. An additional \$10,000 is budgeted in year 2 for part time support for an additional student under Dr. Berrett's supervision to conduct the market study described in Aim 3. A total of **\$24,000** is requested over both years to support up to 10 undergraduate students to undertake the laborious process of segmenting MR images acquired in Aim 2, conduct subject recruitment, and acquire MR images. A total of **\$8,000** is requested to support 40 MRI scans of recruited subjects plus 8 pilot scans that will be used to ensure proper data collection. Our team will pursue an MRI Research Facility Seed Grant to fund an additional \$8000 of scanning to supplement the study in year 2. A total of **\$2,000** is requested for subject compensation. Finally, a total of **\$4,000** is requested to purchase supplies, such as tissue samples, test equipment, supercomputer time, and purchasing market research as described in Aims 1-3.