

| | | MELB Team Records | | 25-29 Women | | | | | |
|----------------|--------------------|-------------------|------|---------------------|-----------|------|--------------------|-----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Carly Harten | 27.25 | 2023 | Carly Harten | 30.5 | 2023 | Sarah E Szakovits | 38.22s | 2021 |
| 100 free | Carly Harten | 58.87 | 2023 | Carly Harten | 1:05.10 | 2023 | Sarah E Szakovits | 1:21.29s | 2021 |
| 200 free | Carly Harten | 2:10.54 | 2023 | Carly Harten | 2:25.70 | 2023 | Laura Harting | 2:54.00s | 2023 |
| 400/500 free | Carly Harten | 5:59.71 | 2023 | Carly Harten | 5:17.00 | 2023 | Laura Harting | 5:55.34 | 2023 |
| 800/1000 free | Laura Harting | 13:43.35 | 2023 | Laura Harting | 12:18.80s | 2022 | Laura Harting | 12:11.91s | 2023 |
| 1500/1650 free | Laura Harting | 22:42.22 | 2023 | Laura Harting | 23:16.12 | 2022 | Laura Harting | 23:09.15 | 2023 |
| 50 back | Carly Harten | 33.07 | 2023 | Sarah E. Szakovits | 34.95 | 2022 | | | |
| 100 back | Laura Harting | 1:26.08 | 2023 | Sarah E. Szakovits | 1:17.93 | 2022 | | | |
| 200 back | Laura Harting | 3:02.62 | 2023 | Carly Harten | 2:54.26 | 2023 | | | |
| 50 breast | Laura Harting | 39.49 | 2023 | Sarah E. Szakovits | 40.4 | 2022 | Laura Harting | 44.89 | 2023 |
| 100 breast | Laura Harting | 1:28.13 | 2023 | Laura Harting | 1:37.00 | 2022 | Laura Harting | 1:40.38 | 2023 |
| 200 breast | Laura Harting | 3:14.92 | 2023 | Laura Harting | 3:29.19 | 2022 | Laura Harting | 3:36.26 | 2023 |
| 50 fly | Carly Harten | 30.96 | 2023 | Carly Harten | 33.46 | 2023 | Laura Harting | 47.81s | 2022 |
| 100 fly | Carly Harten | 1:13.02 | 2023 | Carly Harten | 1:23.32 | 2023 | | | |
| 200 fly | Carly Harten | 2:50.06 | 2023 | | | 2023 | | | |
| 100 IM | Carly Harten | 1:08.94 | 2023 | Carly Harten | 1:16.60 | 2023 | | | |
| 200 IM | Carly Harten | 2:31.45 | 2023 | Carly Harten | 2:50.28 | 2023 | Laura Harting | 3:22.86 | 2022 |
| 400 IM | Laura Harting | 6:19.78 | 2023 | Carly Harten | 6:07.15 | 2023 | | | |

| | | MELB Team Records | | 25-29 Men | | | | | |
|----------------|--------------------|-------------------|--|---------------------|----------|------|--------------------|----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | | | | Justin Torres | 27.8 | 2023 | David Butler | 35.58 | 2021 |
| 100 free | | | | David Butler | 1:39.04s | 2021 | David Butler | 1:43.38s | 2021 |
| 200 free | | | | David Butler | 4:18.92s | 2021 | David Butler | 3:34.55s | 2021 |
| 400/500 free | | | | David Butler | 6:51.39 | 2021 | David Butler | 7:42.05 | 2021 |
| 800/1000 free | | | | | | | | | |
| 1500/1650 free | | | | | | | | | |
| 50 back | | | | David Butler | 44.65 | 2021 | David Butler | 46.69 | 2021 |
| 100 back | | | | David Butler | 1:42.66 | 2021 | David Butler | 1:49.05 | 2021 |
| 200 back | | | | David Butler | 3:53.20 | 2021 | | | |
| 50 breast | | | | Justin Torres | 35.6 | 2023 | David Butler | 52.55 | 2021 |
| 100 breast | | | | Justin Torres | 1:19.30 | 2023 | David Butler | 1:52.51 | 2021 |
| 200 breast | | | | David Butler | 3:44.56 | 2021 | David Butler | 4:11.16 | 2021 |
| 50 fly | | | | David Butler | 39.96 | 2021 | David Butler | 52.97s | 2021 |
| 100 fly | | | | David Butler | 1:39.19s | 2021 | David Butler | 1:56.61 | 2021 |
| 200 fly | | | | David Butler | 4:12.16 | 2021 | | | |
| 100 IM | | | | | | | | | |
| 200 IM | | | | David Butler | 3:26.21 | 2021 | David Butler | 3:47.56 | 2021 |
| 400 IM | | | | David Butler | 8:32.53 | 2021 | David Butler | 9:00.98 | 2021 |

| | | MELB Team Records | | | 45-49 Women | | | | |
|----------------|--------------------|-------------------|------|---------------------|-------------|------|--------------------|--|--|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Trinity Graham | 33.46 | 2024 | Lynn Dotson | 37.7 | 2023 | | | |
| 100 free | Trinity Graham | 1:12.27 | 2024 | Lynn Dotson | 1:23.62 | 2023 | | | |
| 200 free | Trinity Graham | 2:38.53 | 2024 | Kristi Boogaard | 4:28.20 | 2023 | | | |
| 400/500 free | | | | Kristi Boogaard | 9:05.70 | 2023 | | | |
| 800/1000 free | | | | | | | | | |
| 1500/1650 free | | | | | | | | | |
| 50 back | Trinity Graham | 35.18 | 2024 | Kristi Boogaard | 1:05.10 | 2023 | | | |
| 100 back | Trinity Graham | 1:18.16 | 2024 | | | | | | |
| 200 back | | | | | | | | | |
| 50 breast | Trinity Graham | 39.68 | 2024 | | | | | | |
| 100 breast | Trinity Graham | 1:27.73 | 2024 | | | | | | |
| 200 breast | | | | | | | | | |
| 50 fly | Trinity Graham | 36.26 | 2024 | | | | | | |
| 100 fly | Trinity Graham | 1:30.49 | 2024 | | | | | | |
| 200 fly | | | | | | | | | |
| 100 IM | Trinity Graham | 1:16.61 | 2024 | Lynn Dotson | 1:38.80 | 2023 | | | |
| 200 IM | | | | | | | | | |
| 400 IM | | | | | | | | | |

| | | MELB Team Records | | | 45-49 Men | | | | |
|----------------|--------------------|-------------------|------|---------------------|-----------|------|--------------------|----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Benjamin Lo-Pinto | 23.31 | 2022 | Benjamin Lo-Pinto | 25.48 | 2022 | Benjamin Lo-Pinto | 26.5 | 2023 |
| 100 free | B.J. Graham | 54.47 | 2022 | Benjamin Lo-Pinto | 1:01.59 | 2022 | Benjamin Lo-Pinto | 1:00.95 | 2022 |
| 200 free | B.J. Graham | 2:02.62 | 2023 | Mark Palace | 2:21.94 | 2022 | Mark Palace | 2:33.50 | 2022 |
| 400/500 free | B.J. Graham | 5:36.40 | 2022 | B.J. Graham | 5:21.57s | 2023 | Mark Palace | 5:54.23 | 2022 |
| 800/1000 free | Mark Palace | 12:16.89 | 2023 | B.J. Graham | 10:44.05 | 2023 | Mark Palace | 11:57.75 | 2022 |
| 1500/1650 free | Mark Palace | 22:31.79 | 2023 | | | | Mark Palace | 22:36.32 | 2022 |
| 50 back | Benjamin Lo-Pinto | 26.49 | 2022 | Benjamin Lo-Pinto | 29.71 | 2022 | Benjamin Lo-Pinto | 29.95 | 2023 |
| 100 back | Benjamin Lo-Pinto | 55.21 | 2022 | Benjamin Lo-Pinto | 1:03.12 | 2022 | Benjamin Lo-Pinto | 1:04.84 | 2023 |
| 200 back | Mark Palace | 2:34.29 | 2023 | Mark Palace | 2:54.63 | 2022 | Benjamin Lo-Pinto | 2:31.96 | 2023 |
| 50 breast | Ryan Ruddy | 27.82 | 2023 | Ryan Ruddy | 31.2 | 2022 | Benjamin Lo-Pinto | 33.7 | 2022 |
| 100 breast | Ryan Ruddy | 1:00.36 | 2024 | Ryan Ruddy | 1:09.80 | 2023 | Jonathan Armstrong | 1:14.17 | 2023 |
| 200 breast | Ryan Ruddy | 2:18.80 | 2023 | Mark Palace | 3:02.99 | 2022 | Jonathan Armstrong | 2:44.70 | 2023 |
| 50 fly | Ryan Ruddy | 25.28 | 2024 | Benjamin Lo-Pinto | 27.99 | 2022 | Benjamin Lo-Pinto | 28.18 | 2023 |
| 100 fly | Benjamin Lo-Pinto | 58.43 | 2023 | B.J. Graham | 1:10.95 | 2021 | Jonathan Armstrong | 1:06.02 | 2023 |
| 200 fly | Mark Palace | 2:39.97 | 2023 | Mark Palace | 3:24.71 | 2022 | | | |
| 100 IM | Ryan Ruddy | 57.43 | 2024 | Benjamin Lo-Pinto | 1:05.64 | 2022 | | | |
| 200 IM | Jonathan Armstrong | 2:18.07 | 2024 | Mark Palace | 2:48.28 | 2021 | Jonathan Armstrong | 2:27.30 | 2023 |
| 400 IM | Mark Palace | 5:15.33 | 2023 | Mark Palace | 6:12.92 | 2022 | | | |

| | | MELB Team Records | | | 50-54 Women | | | | |
|----------------|--------------------|-------------------|--|---------------------|-------------|--|--------------------|----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | | | | | | | Courtney Chubb | 34.61 | 2023 |
| 100 free | | | | | | | Courtney Chubb | 1:13.07 | 2023 |
| 200 free | | | | | | | Courtney Chubb | 2:30.58r | 2023 |
| 400/500 free | | | | | | | Courtney Chubb | 5:14.34 | 2023 |
| 800/1000 free | | | | | | | Courtney Chubb | 10:54.98 | 2023 |
| 1500/1650 free | | | | | | | Courtney Chubb | 20:32.78 | 2023 |
| 50 back | | | | | | | | | |
| 100 back | | | | | | | | | |
| 200 back | | | | | | | | | |
| 50 breast | | | | | | | | | |
| 100 breast | | | | | | | | | |
| 200 breast | | | | | | | | | |
| 50 fly | | | | | | | Courtney Chubb | 35.21 | 2023 |
| 100 fly | | | | | | | Courtney Chubb | 1:14.02* | 2023 |
| 200 fly | | | | | | | Courtney Chubb | 2:53.02 | 2023 |
| 100 IM | | | | | | | | | |
| 200 IM | | | | | | | | | |
| 400 IM | | | | | | | | | |

| | | MELB Team Records | | | 50-54 Men | | | | |
|----------------|--------------------|-------------------|------|---------------------|-----------|------|--------------------|----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Mark Palace | 25.79 | 2023 | Mark Palace | 28.57 | 2023 | Mark Palace | 29.15 | 2023 |
| 100 free | Mark Palace | 56.34 | 2023 | Mark Palace | 1:03.00 | 2023 | Mark Palace | 1:03.93 | 2023 |
| 200 free | Mark Palace | 2:07.73 | 2024 | Thomas Parker | 2:48.80 | 2023 | Mark Palace | 2:30.57 | 2023 |
| 400/500 free | Mark Palace | 6:17.00s | 2023 | | | | Mark Palace | 6:02.58 | 2023 |
| 800/1000 free | Mark Palace | 12:29.10 | 2023 | | | | Mark Palace | 12:33.56 | 2023 |
| 1500/1650 free | | | | | | | Mark Palace | 23:07.44 | 2023 |
| 50 back | Kirk Clear | 29.27 | 2022 | Mark Palace | 35.2 | 2023 | Mark Palace | 36.16 | 2023 |
| 100 back | Mark Palace | 1:08.28 | 2023 | Mark Palace | 1:25.58s | 2023 | Mark Palace | 1:22.62 | 2023 |
| 200 back | Mark Palace | 2:28.32 | 2023 | Mark Palace | 2:50.14 | 2023 | Mark Palace | 2:55.59 | 2024 |
| 50 breast | Mark Palace | 31.89 | 2023 | Mark Palace | 35.9 | 2023 | Mark Palace | 36.89 | 2023 |
| 100 breast | Mark Palace | 1:11.89 | 2023 | Mark Palace | 1:19.30 | 2023 | Mark Palace | 1:22.64 | 2023 |
| 200 breast | Mark Palace | 2:42.11 | 2023 | Mark Palace | 3:01.42 | 2023 | Mark Palace | 3:06.13 | 2023 |
| 50 fly | Mark Palace | 27.56 | 2023 | Mark Palace | 31.38 | 2023 | Mark Palace | 32.26 | 2023 |
| 100 fly | Mark Palace | 1:05.86 | 2023 | Mark Palace | 1:23.32s | 2023 | Mark Palace | 1:26.10 | 2023 |
| 200 fly | Mark Palace | 3:26.76 | 2023 | | | | Mark Palace | 3:30.91 | 2024 |
| 100 IM | Mark Palace | 1:04.08 | 2023 | Mark Palace | 1:10.20 | 2023 | | | |
| 200 IM | Mark Palace | 2:31.39 | 2024 | | | | James Cardozo | 3:11.65 | 2023 |
| 400 IM | James Cardozo | 5:55.38 | 2023 | Mark Palace | 5:51.37 | 2023 | Mark Palace | 6:07.80 | 2023 |

| MELB Team Records | | | | | | | | | |
|-------------------|---------------------|----------------|------|---------------------|-------------|------|---------------------|------------|------|
| Event | MELB Team Records | | | 60-64 Women | | | | | |
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Kelly Parker Palace | 28.03* | 2023 | Joan Wheeler | 31.31* | 2024 | Kelly Parker Palace | 31.54* | 2023 |
| 100 free | Kelly Parker Palace | 1:00.69* | 2024 | Kelly Parker Palace | 1:08.46* | 2023 | Kelly Parker Palace | 1:08.02* | 2023 |
| 200 free | Kelly Parker Palace | 2:08.29** | 2024 | Kelly Parker Palace | 2:22.02** | 2023 | Kelly Parker Palace | 2:26.34** | 2023 |
| 400/500 free | Kelly Parker Palace | 5:38.86*** | 2024 | Kelly Parker Palace | 4:56.90** | 2023 | Kelly Parker Palace | 5:09.05* | 2023 |
| 800/1000 free | Kelly Parker Palace | 11:31.05*** | 2024 | Kelly Parker Palace | 10:07.03*** | 2023 | Kelly Parker Palace | 10:31.29** | 2023 |
| 1500/1650 free | Kelly Parker Palace | 19:24.90*** | 2024 | Kelly Parker Palace | 19:27.09*** | 2023 | Kelly Parker Palace | 20:13.45** | 2023 |
| 50 back | Zena Courtney | 32.28* | 2022 | Zena Courtney | 37.09* | 2022 | Zena Courtney | 38.53* | 2022 |
| 100 back | Zena Courtney | 1:10.80* | 2024 | Zena Courtney | 1:19.30** | 2022 | Zena Courtney | 1:23.40* | 2022 |
| 200 back | Zena Courtney | 2:32.47* | 2022 | Zena Courtney | 2:54.80* | 2022 | Kelly Parker Palace | 2:58.39* | 2023 |
| 50 breast | Kelly Parker Palace | 39.21s | 2023 | Kelly Parker Palace | 43.52 | 2022 | Kelly Parker Palace | 46.11s | 2022 |
| 100 breast | Kelly Parker Palace | 1:23.45 | 2023 | Kelly Parker Palace | 1:34.59 | 2022 | Kelly Parker Palace | 1:34.83 | 2022 |
| 200 breast | Kelly Parker Palace | 2:57.29 | 2023 | Kelly Parker Palace | 3:19.20 | 2022 | Kelly Parker Palace | 3:20.05 | 2023 |
| 50 fly | Brenda Brey | 32.01 | 2023 | Brenda Brey | 36.11 | 2023 | Joan Wheeler | 35.9 | 2024 |
| 100 fly | Kelly Parker Palace | 1:19.62s | 2023 | Joan Wheeler | 1:22.0* | 2024 | Joan Wheeler | 1:27.39* | 2024 |
| 200 fly | | | | Joan Wheeler | 3:14.25 | 2024 | | | |
| 100 IM | Kelly Parker Palace | 1:12.95 | 2022 | Joan Wheeler | 1:20.96 | 2024 | | | |
| 200 IM | Kelly Parker Palace | 2:36.36** | 2023 | Kelly Parker Palace | 2:54.04** | 2022 | Kelly Parker Palace | 2:57.89** | 2024 |
| 400 IM | Kelly Parker Palace | 5:27.60** | 2023 | Kelly Parker Palace | 6:07.16** | 2022 | Kelly Parker Palace | 6:13.89** | 2023 |
| | LMSC record * | ZONE record ** | | National Record*** | | | | | |

| MELB Team Records | | | | | | | | | |
|-------------------|--------------------|---------|------|---------------------|---------|------|--------------------|---------|------|
| Event | MELB Team Records | | | 60-64 men | | | | | |
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Joe Wotton | 25.35 | 2023 | Joe Wotton | 28.1 | 2023 | Joe Wotton | 29.48 | 2022 |
| 100 free | Joe Wotton | 56.8 | 2023 | Joe Wotton | 1:03.05 | 2023 | Joe Wotton | 1:07.31 | 2022 |
| 200 free | Robert Spence | 2:08.61 | 2024 | James Jacobson | 2:37.60 | 2023 | Robert Spence | 2:39.01 | 2023 |
| 400/500 free | | | | James Jacobson | 5:32.80 | 2023 | | | |
| 800/1000 free | | | | | | | | | |
| 1500/1650 free | | | | | | | | | |
| 50 back | Joe Wotton | 32.53 | 2023 | | | | Joe Wotton | 38.67 | 2022 |
| 100 back | | | | | | | | | |
| 200 back | | | | | | | | | |
| 50 breast | Robert Spence | 33.4 | 2024 | Robert Spence | 37.35 | 2023 | Robert Spence | 43.02s | 2023 |
| 100 breast | Robert Spence | 1:11.22 | 2024 | Robert Spence | 1:24.40 | 2023 | Robert Spence | 1:29.50 | 2023 |
| 200 breast | Robert Spence | 2:42.10 | 2024 | | | | Robert Spence | 3:26.09 | 2023 |
| 50 fly | Joe Wotton | 27.75 | 2023 | Joe Wotton | 30.73 | 2023 | Joe Wotton | 31.99 | 2022 |
| 100 fly | | | | | | | | | |
| 200 fly | | | | | | | | | |
| 100 IM | Robert Spence | 1:07.14 | 2024 | Robbert Spence | 1:15.30 | 2023 | | | |
| 200 IM | Robert Spence | 2:25.66 | 2024 | | | | | | |

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|--------|--|--|--|------------|---------|------|--|--|--|
| 400 IM | | | | Joe Wotton | 6:45.94 | 2023 | | | |
|--------|--|--|--|------------|---------|------|--|--|--|

| | | MELB Team Records | | 65-69 Women | | | | | |
|----------------|--------------------|-------------------|------|---------------------|--|--|--------------------|-----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Jocelyn E Lowther | 36.3 | 2022 | | | | Zena Courtney | 33.54 | 2024 |
| 100 free | Jocelyn E Lowther | 1:25.21 | 2022 | | | | Zena Courtney | 1:14.97 | 2024 |
| 200 free | Jocelyn E Lowther | 3:23.45 | 2022 | | | | Zena Courtney | 2:35.56** | 2024 |
| 400/500 free | Jocelyn E Lowther | 9:27.22 | 2023 | | | | Zena Courtney | 5:26.77 | 2024 |
| 800/1000 free | | | | | | | Zena Courtney | 11:17.97 | 2024 |
| 1500/1650 free | | | | | | | | | |
| 50 back | Jocelyn E. Lowther | 49.41 | 2024 | | | | Zena Courtney | 38.31* | 2024 |
| 100 back | Jocelyn E. Lowther | 1:55.58 | 2023 | | | | Zena Courtney | 1:22.82* | 2024 |
| 200 back | | | | | | | Zena Courtney | 2:59.77* | 2024 |
| 50 breast | Jocelyn E. Lowther | 48.39 | 2022 | | | | Zena Courtney | 56.87 | 2024 |
| 100 breast | Jocelyn E. Lowther | 1:53.31 | 2023 | | | | | | |
| 200 breast | Jocelyn E. Lowther | 4:09.71 | 2024 | | | | | | |
| 50 fly | | | | | | | Zena Courtney | 38.97 | 2024 |
| 100 fly | | | | | | | | | |
| 200 fly | | | | | | | | | |
| 100 IM | | | | | | | | | |
| 200 IM | | | | | | | | | |
| 400 IM | | | | | | | Zena Courtney | 7:00.71 | 2024 |

| | | MELB Team Records | | 65-69 Men | | | | | |
|----------------|--------------------|-------------------|------|---------------------|----------|------|--------------------|-----------|------|
| Event | Short Course Yards | | | Short Course Meters | | | Long Course Meters | | |
| 50 free | Joe Wotton | 24.78 | 2024 | Jeff Wetzel | 30.73 | 2022 | Jeff Wetzel | 30.94 | 2023 |
| 100 free | Joe Wotton | 54.95 | 2024 | Jeff Wetzel | 1:09.55 | 2022 | Jeff Wetzel | 1:10.40 | 2023 |
| 200 free | Jeff Wetzel | 2:15.67 | 2022 | Jeff Wetzel | 2:42.38 | 2022 | Jeff Wetzel | 2:50.40 | 2023 |
| 400/500 free | Jeff Wetzel | 6:14.85 | 2022 | Jeff Wetzel | 5:37.87 | 2022 | Thomas Hoffman | 6:41.39s | 2021 |
| 800/1000 free | Jeff Wetzel | 12:44.54 | 2022 | Jeff Wetzel | 11:55.86 | 2022 | Thomas Hoffman | 13:34.02s | 2021 |
| 1500/1650 free | Jeff Wetzel | 21:43.30 | 2023 | Thomas Hoffman | 25:08.18 | 2021 | Thomas Hoffman | 26:07.53 | 2022 |
| 50 back | Jeff Wetzel | 32.45 | 2022 | Jeff Wetzel | 37.79 | 2022 | Jeff Wetzel | 38.99 | 2023 |
| 100 back | Jeff Wetzel | 1:13.84 | 2023 | Jeff Wetzel | 1:31.82s | 2022 | Jeff Wetzel | 1:27.29 | 2023 |
| 200 back | Jeff Wetzel | 2:39.77 | 2023 | Jeff Wetzel | 3:03.82 | 2022 | Jeff Wetzel | 3:13.79 | 2023 |
| 50 breast | Jeff Wetzel | 37.67 | 2023 | | | | Jeff Wetzel | 47.71 | 2023 |
| 100 breast | | | | | | | Jeff Wetzel | 1:45.78 | 2023 |
| 200 breast | | | | | | | | | |
| 50 fly | Joe Wotton | 27.18 | 2024 | Jeff Wetzel | 36.2 | 2022 | Jeff Wetzel | 36.9 | 2023 |
| 100 fly | | | | | | | | | |
| 200 fly | | | | | | | | | |
| 100 IM | Jeff Wetzel | 1:11.96 | 2023 | | | | | | |
| 200 IM | Jeff Wetzel | 2:49.04 | 2023 | Jeff Wetzel | 3:18.32 | 2022 | Jeff Wetzel | 3:22.76 | 2023 |

400 IM

