## Rebuttal Expert Report of Brie Williams, M.D., M.S.

Parsons v. Ryan, No. 2:12-cv-00601-NVW (MEA) (D. Ariz.)
January 31, 2014

From his report, it does not appear that Dr. Mendel interviewed or reviewed the medical records of the prisoners discussed in my report. It also does not appear that he viewed the cells in ADC's isolation units, or the exercise facilities available to prisoners in those units. Nor does Dr. Mendel cite any medical literature in support of his conclusions.

Dr. Mendel criticizes my report for failing to address "the reason for the inmate's placement in a disciplinary unit," repeatedly referring to the units I inspected as "disciplinary units." It is my understanding that these units serve a broader function than "disciplinary units" since the defendants' expert Richard Seiter explained that prisoners may be housed in these units for several reasons including because of the sentence they have received, because they are in protective custody, or for other reasons unrelated to any misconduct while in prison. ${ }^{2}$ For this reason, it appears that Dr. Mendel's assumption that all prisoners in these units are there for disciplinary reasons is incorrect.

Dr. Mendel also states that I do not "list any experience providing care to incarcerated individuals." ${ }^{3}$ I have served as a consultant in California's San Quentin State Prison where I consulted on the care of patients age 50 and older.

Dr. Mendel also states that "Dr. Williams did not list the mental health history for any of the inmates mentioned in her report," and states that due to this alleged failure "it is not possible to determine whether it is safe to allow disciplinary unit inmates to exercise with others." ${ }^{4}$ First, it is simply untrue that I did not discuss prisoners' mental health history. For example, I note in the body of my report that one prisoner "has a history of Post-Traumatic Stress Disorder with suicidal ideation," ${ }^{5}$ and in my notes (which constitute a part of my report) I repeatedly refer to prisoners' mental health diagnoses and treatment.

More fundamentally, it is not my opinion that prisoners must always be allowed to exercise with others. Rather, my opinion is that the denial of access to exercise spaces that allow sustained walking, and/or the housing of prisoners in conditions that contribute to social isolation or sensory deprivation, poses a substantial risk of serious harm to older prisoners and those with chronic medical conditions, and/or physical disabilities.

Dr. Mendel states that I do not discuss the length of time prisoners spend in isolation. It is my understanding that ADC surprisingly does not track the mean or median length of prisoners' stay in isolation. ${ }^{6}$ I have not found evidence that there is any upper limit on the

[^0]amount of time an Arizona prisoner can spend in isolation, and ADC states that "Inmates serving death or life sentences could be housed in a location meeting Plaintiffs' definition of 'ISOLATION' for upwards of 20 years." It is my understanding that prisoners who are sentenced to death are automatically and permanently classified as maximum custody (and therefore placed in isolation), and prisoners with life sentences are automatically so classified for a minimum of two years. ${ }^{8}$ Thus, I am told by Plaintiffs' attorneys that ADC policy requires that these prisoners spend a minimum of two years in ADC's isolation units. ${ }^{9}$

In addition, ADC's website indicates that many of the prisoners in ADC's isolation units have been housed in those units for many months or even years. The website's "Inmate Datasearch" function lists the date of a prisoner's last movement. Listed below are some of the prisoners I interviewed in ADC's isolation units during my inspection tours on August 14, 15, and 16,2013 . For each prisoner is listed the housing unit where I interviewed the prisoner and the date of his or her last movement, as indicated on ADC's website on December 27, 2013.

| Name and ADC No. | Unit where interviewed | Last movement as of 12/27/13 |
| :--- | :--- | :--- |
|  | Lumley-SMA | $1 / 6 / 10$ |
|  | Lumley-SMA | $12 / 17 / 10$ |
|  | Eyman-SMU | $7 / 28 / 11$ |
|  | Eyman-SMU | $8 / 14 / 12$ |
|  | Eyman-SMU | $8 / 29 / 12$ |
|  | Eyman-Browning | $8 / 30 / 12$ |
|  | Florence-Central | $10 / 4 / 12$ |
|  | Florence-Central | $12 / 6 / 12$ |
|  | Eyman-SMU | $3 / 28 / 13$ |
|  | Eyman-SMU | $5 / 6 / 13$ |
|  |  | $6 / 22 / 13$ |

[^1]Eyman-SMU ..... 7/8/13Florence-Central7/18/13

The December 27, 2013 printouts for these prisoners from ADC's "Inmate Datasearch" function are attached as Exhibit A.

It is also my understanding that some of the named plaintiffs have spent years in ADC's isolation units. For example, it appears that Robert Gamez was incarcerated at Florence-Central Unit from 2007 to 2012, and has been at Eyman-Browning Unit since that time. ${ }^{10}$ It appears that Jackie Thomas has been incarcerated at either Eyman-Browning or Eyman SMU since 2007. ${ }^{11}$

The risks and negative health effects of enforced idleness and lack of exercise occur quite rapidly. After five weeks of bedrest, decreased muscle mass in the lower extremities and bone mineral loss can be detected, as can hip, thigh, and calf muscle atrophy and bone loss. ${ }^{12}$ As little as two weeks of bedrest has been found to launch the catabolic response that leads to muscle breakdown in healthy, younger volunteers. ${ }^{13}$

These risks and adverse health effects are magnified for persons with chronic health conditions. For example, in persons with diabetes, more sedentary time was associated with larger waste sizes, increased insulin, higher LDL ("bad cholesterol") and higher blood sugar in a study of more than 500 persons newly diagnosed with type 2 diabetes. ${ }^{14}$ The study, done over a one-year period, found that decreased activity predicts worsening metabolic variables in patients with diabetes. ${ }^{15}$ Similarly, for persons with osteoarthritis, inactivity leads to muscle weakness and to worsened pain and decreased mobility. ${ }^{16}$

[^2]According to the United States Centers for Disease Control and Prevention, older adults need at least two hours and thirty minutes of moderate-intensity aerobic activity (i.e., brisk walking) every week, as well as muscle-strengthening activities on two or more days a week that work all major muscle groups (legs, hips, back, abdomen, chest, shoulders, and arms). ${ }^{17}$ Comprehensive exercise programs (incorporating walking, aerobics, strength training, etc.) are most effective for elderly persons with medical conditions. One study showed that 6 months of comprehensive exercise had several positive physical outcomes for elderly persons with chronic conditions, including: grip strength, flexibility, oxygen saturation, metabolic equivalent. ${ }^{18}$ In a study of older women, moving for five or more hours per day was associated with lower blood pressure; regular movement throughout the day is important in managing hypertension in older women. ${ }^{19}$ Walking is particularly important to prevent or slow loss of function in the deconditioned or frail elderly. ${ }^{20}$ It is reasonable to assume that persons who are confined to a small space nearly all of the time would benefit from even MORE physical activity, since the recommendations are for the general public who, at a minimum, generally experience a degree of baseline physical activity such as walking from room to room in their house.

Finally, according to the National Osteoporosis Foundation, persons over 50 and persons who are institutionalized are high-risk populations for vitamin D deficiency, which can lead to osteoporosis. These persons should therefore get at least 800-1000 IU of vitamin D daily. ${ }^{21}$ Spending time outside with access to direct sunlight can address this higher susceptibility to vitamin D deficiency.

A list of the documents that have been provided to me by plaintiffs' counsel since my last report is attached as Exhibit B . I reserve the right to supplement or modify my opinions if additional information or documents are provided in the future.

[^3]Dated this $30^{\text {th }}$ day of Jamary, 2014, at San Francisco, California.


Exhibit A

RETURN TO SEARCH RESULTS RETURN TO DATASEARCH FORM


Earned Credit Release Date is provided for guidance. Confirmation can be sought by contacting ADC.
Details of inmate offenses can be accessed by reviewing the case file at the Office of the Clerk of the Court where the case was adjudicated.

If you are the victim of a crime please visit [Victim Services].

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Commitment Information 2 record(s)

| Commitat | Sentence | Sentence County | Court | Offenea Dats | Sentenco <br> Status | Grime | Crime <br> info | Folony <br> Class | Rufing | Verified |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 0180000 | MARICOPA | 8905293 | 05/08/1989 | PAR. CS | KIDNAFPING; DANGERI REPEITT/ ENHANCE; | D/NR | CL2 | N | YES |
| A02 | 0180000 | MARICOPA | 8905293 | 05/09/1989 | MPOSED | ARMED ROBBERY; DANGER/ REPETIT/ ENHANCE | D/NR | CL. 2 | Y | YES |

Sentence Information 2 record(s)

| Commitat | Sentence yyymand | Admil Date | Consecl Concur | Release Date (9) | Suparvision End | Sentence Expiration | Flas Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 018/00/00 | 04/13/1990 |  | Parole:02/10/2003 |  | 10/12/2006 | 05/21/2007 |
| A02 | 018/00/00 | 04/13/1990 | Consecutive:A01 | Parole:01/05/2021 Temporary:01/14/2021 |  | 10/11/2021 | 07/19/2024 |

Profile Classification 38 record(s) [info]

| Completa Data | Class. Type | Cust. Fisk | Inswe. Ris k | Edu. | CTE | SATX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| nalasianta |  | c | c | $\cdots$ | n | $\cdots$ |

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Commitment Information 1 record(s)

| Commit ${ }^{\text {a }}$ | Sentence | Sentonce County | Court <br> Cause" | Offense Date | Sentence <br> Status | Crime | Crime Inケo | Felony Class | Ruting | Verified |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | DEATH | MARICOPA | 2000-096032 | 10/08/2000 | IMPOSED | MURDER 1ST DEGREE DANGER/ REPEIT/ EN-ANCE; | D/NR | CL. 1 | Y | YES |

Sentence Information 1 record(s)

| Commitit | Sentence yyymmdd | Admit Date | Consecl Concur | Release Daters) | Sumorvision End | Sentence Explation | Flat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | DEATH | 12/22/2004 |  |  |  |  | DEATH |

Profile Classification 11 record(s) [info]

| Complete Date | Class. Type | Cust. fisk | Inst. Risk | Edu. | CTE | SA TX |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: |
| $01 / 10 / 2013$ | RECLASSIFICATION | 5 | 2 | 1 | 0 | 0 |
| $12 / 16 / 2011$ | RECLASSIFICATION | 6 | 2 | 3 | 0 | 0 |
| $12 / 10 / 2010$ | RECLASSIFICATION | 5 | 2 | 3 | 0 | 0 |
| $11 / 30 / 2009$ | RECLASSIFICATION | 5 | 2 | 3 | 0 | 0 |
| $11 / 20 / 2008$ | RECLASSIFICATION | 5 | 2 | 3 | 0 | 0 |



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## Commitment Information 2 record(s)

| Commit\#\# SentenceC01 LIFE |  | Sentence County Court Cause\# Offense Date Sentence Status Crime |  |  |  |  | Crime Info Felony Class Ruling Verlifed |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | MARICOPA | 20100054220 | 09/07/2000 | MPOSED | MURDER 1ST DEGREE; CONSPIRACY; DOMESTIC VIOLENCE | ND/NR | CL1 | N | YES |
| C02 | 0050000 | MARICOPA | 20100054220 | 09/07/2009 | MPOSED | KIDNAPPING; CONSPIRACY; OOMESTIC VIOLENCE | NO/NR | CL2 | Y | YES |

## Sentence Information 2 record(s)

| Commit\# | Sontence yymmadd | Admil Date | Consec/ Concur | Release Date(s) | Supervision End | Sentence Expiration | Flat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C01 | LIFE | 05/25/2011 |  |  |  |  | LIFE |
| C02 | 005/00/00 | 05/25/2011 | Consecutive:C01 |  |  |  | LIFE |

Profile Classification 4 record(s) [infol

| Complete Date | Class. Type | Cust. Risk | Inst. Risk | Edu. | CTE. | SATX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 06/14/2013 | RECLASSIFICATION | 4 | 3 | 1 | 0 | 0 |
| 01/15/2013 |  | 5 | 3 | 1 | 0 | 0 |
| 01/04/2012 |  | 5 | 1 | 3 | 0 | 0 |
| 07/05/2011 | INITIAL CLASSIFICATION | 5 | 1 | 3 | 0 | 0 |

## Disciplinary Infractions 2 record(s) [info]

RETURN TO SEARCH RESULTS RETURN TO DATASEARCH FORM

|  | Lasi Name | First Name |  | Middle Initat | Birth Dask |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gender | Helyht (inches) |  | Wolght | Hair Color |  |
|  | MALE | 72 |  | 185 | GRAY |  |
|  | Eyo Color | Ethis Origin | Custody class |  | Inmata / Detainee |  |
|  | BROWN | CAUCASIAN |  | 5/5 | INMATE |  |
|  | Sentence (yyymmdd) |  | Admission | Pris on Rolexse Date | Max End Date |  |
|  | 018/00/00 |  | 03/21/2005 |  | 11/23/2021 |  |
|  | Cur. Absconded ${ }^{\text {atmst, Abs conded }}$ |  | d Reloase Type | last Recant Loc | UnH |  |
|  | $-\mathrm{N}-$ | -- | RECEIVED AT | ASPC Eyman | ASPC Eyman SMU |  |
|  | Community Supervision/ Farole |  | Last Movement | Commitment Status |  | Status |
|  | N |  | 08/14/2012 | COMPLETE AND VERIFIED |  | ACTIVE |

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Commitment Information 3 record(s)

| Commit ${ }^{\text {a }}$ | Senterce | Sentonce County | Court <br> Causen | Offense <br> Dase | Sentence <br> Stetus | Crime | Crime In ${ }^{2} 9$ | Folony <br> Class | Ruting | Veriflect |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B01 | 0180000 | NAVAJO | 20040007 | 11/14/2003 | IMPOSED | MANSLAUGHTER; DANGER/ REPEITI/ ENHANCE; | D/NR | CL2 | Y | YES |
| C02 | 0020000 | NAVAJO | 20040040 | 01/07/2004 | MPOSED | DESTRUCTION OF PUBLIC JALL; | ND/NR | CL5 | N | YES |
| D01 | 0020000 | NAVAJO | 20050063 | 01/06/2005 | MPOSED | AGGRAVATED ASSAULT: | NDINR | CL5 | N | YES |

## Sentence Information 3 record(s)

| Commita | Sentence yyymmad | Admit Date | Conseat Concur | Release Date(s) | Suparvis ion tind | Sentence Explration | Flat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B01 | 018/00/00 | 03/15/2005 |  | Supervised:09/13/2020 | 03/15/2023 | 09/13/2020 | 11/23/2021 |
| 002 | 002/00/00 | 03/15/2005 | Concurrent:B01 |  |  |  | 01/07/2006 |
| D01 | 002/00/00 | 03/15/2005 | Concurrent:C02 |  |  |  | 01/06/2007 |

Profile Classification 15 record(s) [info]

| Complete Date | Class.Typa | Cust. risk | Inst. Risk | Edu. | CTE | SA TX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $11 / 01 / 2013$ |  | 5 | 5 | 0 | 0 | 0 |

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Commitment Information
2 record(s)

| Comimith | Senfence | Sontence County | Couricauss | ORTOnse Date | Sentance status | Crime | Crime Info | Felony class | fulling | Verified |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | LIFE | PIMA | 20094604001 | 05/15/2003 | IMPOSED | SEXUAL CONDUCT W MINOR; | D/NR | CL2 | $Y$ | NO |
| A03 | 0170000 | PIMA | 20094604001 | 05/15/2003 | IMPOSED | MOLESTATION OF CHILD; | D/NR | CL2 | N | NO |

Sentence Information 2 record(s)

| Commith | Sentence yyymmad | Admit Date | Consec/ Concur | Release Date(s) | Supervis ion End | Sentence Expration | Fat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | LIFE | $08 / 20 / 2012$ |  | Consecutive:A03 |  |  | LIFE |
| A03 | $017 / 00 / 00$ | $08 / 20 / 2012$ |  |  |  |  | $02 / 13 / 2027$ |

Profile Classification 2 reoord(s) [info]

| Complete bate | Class. Type | Cuse. Risk | mst. Risk | Edu. | CTE | SA TX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $04 / 04 / 2013$ |  | 5 | 1 | 1 | 0 | 0 |
| $10 / 02 / 2012$ | INITIAL CLASSIFICATION | 5 | 1 | 1 | 0 | 0 |

## Disciplinary Infractions 0 record(s) [info]

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Commitment Information 1 record(s)

| Commith | Sentence | Signtence County | Court <br> Canse\% | Offensa <br> Date | Sentenoe <br> Status | Crim* | Crime Into | Folony <br> Class | Ruting | Varimec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 0350000 | MARICOPA | 0113888 | 07/18/1980 | IMPOSED | ARMED ROBBERY; DANGER/ REPETT/ ENHANCE: | D/R-2 | CL2 | Y | YES |

Sentence Information 1 record(s)

| Commitut | Sentence byymmdd | Admit Dats | Consect Concur | Release Date(s) | Supervision End | Sentance Expiration | Plat Maxim um |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 035/00/00 | 03/06/1996 |  | Parole:08/19/2028 Temporary:08/11/2024 |  | 03/09/2025 | 05/08/2030 |

Profile Classification 46 record(s) 【info】

| Complete Date | Class. Type | Cust. Fisk | Inst. Risk | Elu. | CTE | SATX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $00 / 15 / 2013$ |  | 5 | 4 | 1 | 0 | 0 |
| $05 / 29 / 2012$ |  | 5 | 4 | 3 | 0 | 0 |
| $06 / 03 / 2011$ |  | 5 | 5 | 3 | 0 | 0 |
| $04 / 20 / 2011$ |  | 5 | 5 | 3 | 0 | 0 |

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Commitment Information 3 rocord(s)

| Commity | Sentence | Sentence County | Court Cause\# | Offense Date | Sentence Status | Crime | Crime Info | Folony Class | Rulling | Verified |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C01 | 0100600 | MARICOPA | 20051326920 | 10/07/2005 | MPOSED | ARMED ROBBERY; DANGER/ REPETIT/ ENHANCE; | NDINR | CL2 | N | YES |
| C04 | 0100000 | MARICOPA | 20051326920 | 10/07/2005 | PPPOSED | KIDNAPPING; | ND/NR | CL2 | N | YES |
| D01 | 0130000 | MARICOPA | 20060304600 | 07/17/2005 | MPOSED | ARMED ROBBERY; DANGER/REPETIT/ENHANCE; | DNR | CL2 | Y | YES |

## Sentence Information 3 record(s)

Committ

| Sentence yymmdd |
| :---: |
| C01 |
| $010 / 06 / 00$ |

## Profile Classification $14 \mathrm{record}(\mathrm{s})$ [infol

| Complete Date | Class. Type | Cust. Risk | Inst. Risk | Edu. | CTE. | SATX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 08/01/2013 |  | 5 | 4 | 2 | 4 | 0 |
| 04/17/2013 |  | 5 | 5 | 2 | 4 | 0 |
| 10/04/2012 | RECLASSIFICATION | 5 | 6 | 2 | 4 | 0 |
| 03/16/2012 | RECLASSIFICATION | 3 | 3 | 3 | 4 | 0 |
| 11/02/2011 | RECLASSIFICATION | 2 | 3 | 3 | 4 | 3 |
| 09/02/2010 |  | 3 | 2 | 2 | 3 | 2 |
| 08/18/2009 |  | 3 | 3 | 2 | 0 | 2 |

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Commitment Information 1 record(s)

| Commith | Senternce | Sentence County | Court <br> Causo | Offense Date | Santence <br> Status | Crimb | Crime Im\% | Falony Class | Ruling | Verifited |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C01 | 0160000 | MARICOPA | 20040077560 | 02/06/2004 | IMPOSED | MURDER 2ND DEGREE; MURDER SECOND DEGREE; DANGER/ REPETIT/ ENHANCE | D/NR | CL1 | Y | YES |

Sentence Information 1 record(s)

| Commitif | Sentence ysymmdu | Admit Date | Consec/ Concur | Rolense Date(s) | Supervision End | Sentence Explration | Fat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C01 | 016/00/00 | 05/25/2005 |  | Supervised:02/03/2020 | 05/05/2022 |  | 02/03/2020 |

Profile Classification 12 record(s) 【info】

| Complete Date | Class, Type | Cusk. Risk | lask rask | Edu. | CTE | SATX |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| $08 / 30 / 2013$ | RECLASSIFICATION | 4 | 4 | 0 | 1 | 0 |
| $06 / 14 / 2012$ |  | 5 | 5 | 0 | 1 | 0 |
| $12 / 02 / 2011$ | RECLASSIFICATION | 5 | 5 | 0 | 1 | 0 |
| $09 / 30 / 2011$ | RECLASSIFICATION | 4 | 4 | 0 | 1 | 0 |
| $09 / 23 / 2011$ |  | 3 | 4 | 0 | 1 | 0 |

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Commitment Information
1 recorod(s)

| Comman | Sentence | Sentence County | Cours Causef | Offense Dase | Santence Status | Curime | Crime info | Felony Ctase | Puting | Veriflad |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 0250000 | MARICOPA | 20091135260 | 02/23/2009 | IMPOSED | MURDER 2ND DEGREF; DANGEROUS; | D/NR | Cl. 1 | Y | YE |

## Sentence Information 1 record(s)

| Commity | Sentence yyymmdd | Admit Date |  | Conseol Concur | Release Date(s) | Supervisfon Fard | Sontence Expiration |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | $025 / 00 / 00$ | $04 / 30 / 2010$ |  |  | Supervised:02/17/2034 Maximum | $08 / 18 / 2037$ |  |

Profile Classification 6 record(s) 【info】

| Complete Date | Class. Type | Cust. Risk | lust. Wisk | edu. | CTE | SA TX |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| $11 / 25 / 2013$ | RECLASSIFICATION | 4 | 4 | 1 | 1 | 0 |
| $10 / 11 / 2012$ |  | 5 | 5 | 1 | 1 | 0 |
| $09 / 12 / 2011$ |  | 5 | 5 | 1 | 1 | 0 |
| $03 / 09 / 2011$ | RECLASSIFICATION | 5 | 4 | 1 | 1 | 0 |
| $12 / 15 / 2010$ | RECLASSIFICATION | 4 | 4 | 1 | 1 | 0 |
| $05 / 20 / 2010$ | INITIAL CLASSIFICATION | 4 | 2 | 1 | 0 | 1 |



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For family and friends inmate issues, please visit [Inmate Services].

- For public records or reports, please visit [Public Access] or contact the Public Access Office via [email].


## Commitment Information 3 record(s)

| Commit | Sentance | Sentence County | Court Caused | Offonse Date | Sentence Statue | Crime | Crime hato | Folony Class | Ruling | Verivied |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | LIFE | PIMA | 0030683 | 10/09/1974 | MPOSED | MURDER; | NA | OLDCODE | Y | YES |
| A02 | 0100000 | PIMA | 0030683 | 10/09/1974 | MPOSED | ARMED ROBBERY; | NA | OLD CODE | N | YES |
| A03 | 0100000 | PIMA | 0030683 | 10/09/1974 | MPOSED | BURGLARY; | NA | OLD CODE | N | YES |

## Sentence Information 3 record(s)

| Commitig | Sontence yyymmald | Admit Date | Consec/ Concur | Reloass Dato(8) | Supervisloni End | Sontence Expiration | Flat Maximum |
| :---: | :---: | :---: | :--- | :--- | :--- | :--- | :--- |
| A01 | LIFE | $02 / 24 / 1977$ |  |  | Parole:01/18/2001 |  |  |
| A02 | $010 / 00 / 00$ | $02 / 24 / 1977$ |  | Concurrent:A01 | Parole:05/20/1979 |  | LFE |
| A03 | $010 / 00 / 00$ | $02 / 24 / 1977$ |  | Concurrent:A02 | Parole:05/20/1979 |  | $01 / 18 / 1986$ |

Profile Classification 43 record(s) [info]

| Complete Date | Class. Type | Cust. Wisk | Inst. Risk | Edu. | CTE | SATX |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| $09 / 25 / 2013$ | RECLASSIFICATION | 5 | 3 | 0 | 1 | 0 |
| $03 / 05 / 2013$ | RECLASSIFICATION | 5 | 3 | 0 | 1 | 0 |
| $03 / 27 / 2012$ | RECLASSIFICATION | 5 | 3 | 0 | 1 | 0 |



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Commitment Information 8 record(s)

| Commilt Sentence |  | Sentence County | Court Cause H | Offense Date | Sentence Status |  | Crime Info | Felony Class | Ruling Verlfled |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 0080000 | MARICOPA | 0145712 | 01/13/1985 | SENT.MOD | THEFT; DANGER/ REPETIT/ENHANCE; | ND/R2 | CL4 | N | YES |
| A02 | 0040000 | MARICOPA | 0145712 | 01/13/1985 | SENT.MOD | BURGLARY 3RD DEGREE; DANGER/REPETT/ENHANCE; | ND/R2 | CL. 5 | N | YES |
| B01 | 0010600 | COCONINO | 0010749 | 01/24/1984 | IMPOSED | BURGLARY 3RD DEGREE; | ND/NR | CL6 | N | YES |
| C01 | LIFE: | COCONNO | 0011929 | 01/11/1985 | IMPOSED | 8URGLARY 1ST DEGREE; DANGER/REPETT/ ENHANCE | D/R-2 | CL2 | N | YES |
| C02 | L.IFE | COCONNO | 0011929 | 01/11/1985 | IMPOSED | AGGRAVATED ASSAULT; DANGER/REPETT/ENHANCE; | D/R-2 | CL. 3 | Y | YES |
| C03 | 0040600 | COCONINO | 0011929 | 01/11/1985 | IMPOSED | MISCNDCT INVOLVING WEAPONS; DANGER/REPETIT/ ENHANCE; | ND/R2 | CL6 | N | YES |
| C04 | 0120000 | COCONINO | 0011929 | 01/11/1985 | MPOSED | CRIMINAL. DAMAGE; DANGER/REPETIT/ENHANCE; | ND/R2 | CL4 | N | YES |
| C05 | LIFE | COCONINO | 0011929 | 01/11/1985 | IMPOSED | THEFT; DANGER/REPETIT/ENHANCE; | D/R-2 | CL3 | N | YES |

Sentence Information 8 record(s)

| Commit\% | Sentence yyymmdd | Admit Date | Conseof Concur | Release Date(s) | Supervision End | Sentence Expliration | Flat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 008/00100 | 08/05/1985 |  | Parole:07/07/1991 |  | 11/02/1992. | 01/11/1993 |
| A02 | 004/00100 | 08/05/1985 | Concurrent:A01 | Parole:09/12/1987 |  |  | 01/11/1989 |
| B01 | 001/08/00 | 09/09/1985 | Concurrent:A01 | Parole:08/30/1985 |  |  | 05/30/1986 |
| C01 | LIFE | 01/04/1993 | Consecufive:A01 | Parole:10/16/2017 |  |  | LIFE |
| C02 | LIFE | 01/04/1993 | Conseculve:A01 | Parole:10/16/2017 |  |  | LIFE |
| C03 | 004/06/00 | 01/04/1993 | Conseculve:A01 | Parole:11/02/1995 |  | 02/13/1996 | 10117/1996 |
| C04 | 012/00/00 | 01/04/1993 | Conseculva;A01 | Parole:11/01/2000 |  | 00/29/2001 | 04/18/2004 |
| C05 | LIFE | 01/04/1993 | Conseculve:A01 | Parole:10/16/2017 |  |  | LIFE |



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Commitment Information 3 record(s)


Sentence Information 3 record(s)

| Commity | Sentence yyymudd | Admit Dato | Consed/ Concur | Release Date(s) | Supervision End | Sentence Explration | Flat Maximum$03 / 26 / 1995$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 202/00100 | O4/06/1994 |  | Parole:03/26/1994\| |  |  |  |
| A02 | 030/00100 | 04/06/1994 | Consecutve:A01 |  |  |  | 03/18/2023 |
| A03 | LIFE | 04/08/1984 | Consecutive:A02 | Parole:03/17/2060 |  |  | LIFE |

Profile Classification 41 recordss) [infol



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- If you are the victim of a crime please visit [Victim Services].
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- For public records or reports, please visit [Public Access] or contact the Public Access Office via [email].


## Commitment Information 1 record(s)

| Commit\# | Sentence | Sentenco County | Court Cause\# | Offense Date | Sentence Status | Crime | Crime Info | Felony Class | Ruling | Verified |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 0180000 | SANTACRUZ | CR-01-064 | 03/01/2001 | MPOSED | \|MWNSLAUGHTER; DANGER/ REPETIT/ ENHANCE; | D/NR | CL2 | $Y$ | YES |

## Sentence Information 1 record(s)

| Commith | Sentence yyymmdd | Adinlt Dato | Consoc/ Concur | Release Date(s) | Supervision End | Sentence Explration | Flat Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A01 | 018/00/00 | 08/29/2001 |  | Supervised02/27/2017 | 09/28/2019 | \|02/27/2017 | O8/29/2019 |

Profile Classification 20 record(s) \infol

| Complete Date | Class. Type | Cust. Risk | Inst. Risk | Edu. | CTE. | SATX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 05/17/2013 | RECLASSIFICATION | 5 | 4 | 0 | 0 | 0 |
| 01/27/2012 | RECLASSIFICATION | 2 | 3 | 0 | 0 | 0 |
| 01/06/2012 |  | 2 | 3 | 0 | 0 | 0 |
| 02/16/2011 |  | 3 | 3 | 0 | 0 | 0 |
| 02/08/2011 |  | 3 | 1 | 0 | 0 | 0 |
| 01/07/2010 |  | 3 | 3 | 0 | 0 | 0 |
| 01/02/2009 |  | 3 | 3 | 0 | 0 | 0 |
| 11/28/2007 | RECLASSIFICATION | 3 | 3 | 0 | 0 | 0 |
| 08/08/2006 |  | 3 | 3 | 3 | 4 | 1 |
| 02/09/2006 |  | 3 | 3 | 3 | 4 | 1 |
| 09/14/2005 |  | 3 | 1 | 4 | 4 | 1 |

Exhibit B

## Documents sent from plaintiffs' counsel to plaintiffs' witness Dr. Brie Williams after her supplemental expert report was submitted on 12/9/13

## ADC Staff Training Materials

- Suicide and Symptoms of Mental Illness
- In-Service
- ADC_S000317 2014 - Signs and Symptoms of Mentally Ill Inmates
- ADC_S000318-000361-2014_Signs_and_Symptoms_of_Mentally_Ill_Inmates - Pre-Service
- ADC_S000362-000384-9.7a COTA Signs \& Symptoms of Mental Disorders
- ADC_S000385-000439-9.7a COTA Signs and Symptoms of Mental Disorders
- ADC_S000440-000444-COTA Signs \& Symptoms of Mental Disorder
- Suicide Prevention
- In-Service
- ADC_S000445-2014 Inmate Suicide Prevention
- ADC_S000446-000515-2014_Inmate_Suicide_Prevention
- Pre-Service
- ADC_S000516-000517-9.7 SP Risk Factor Cards
- ADC_S000518-000534-9.7b Suicide Prevention
- ADC_S000535-000553-9.7b Suicide Prevention LP
- ADC_S000554-000555 - SP Risk Factor Cards


## Corizon Reports

- ADC_M00001 - CONFIDENTIAL SPDR Report
- ADC203028 - CONFIDENTIAL Arizona - Clinical Data Report October 2013
- ADC203029 - CONFIDENTIAL Arizona - Dental Utilization Statistics October 2013
- ADC203030 - CONFIDENTIAL Arizona - Dental Wait Times Report October 2013
- ADC203031 - CONFIDENTIAL Arizona - Formal Grievances by Category October 2013
- ADC203032 - CONFIDENTIAL AZ - Health Needs Requests (HNR) Appt Report October 2013 pivot table
- ADC203033 - CONFIDENTIAL Arizona - Hepatitis C Report October 2013
- ADC203034 - CONFIDENTIAL Arizona - Hospitalization Statistics Report October 2013
- ADC203035 - Arizona - Informal Grievances by Category October 2013
- ADC203036 - Arizona - Inmate Wait Times Report October 2013
- ADC203037 - CONFIDENTIAL Arizona - Intake Report October 2013
- ADC203038 - CONFIDENTIAL Arizona - Med Mal Stats October 2013
- ADC203039 - CONFIDENTIAL AZ - Medical Transports Complex Report October 2013
- ADC203040 - CONFIDENTIAL AZ - Medical Transports Statewide Report October 2013
- ADC203041 - CONFIDENTIAL Arizona - Monthly Staffing Report October 2013
- ADC203042 - CONFIDENTIAL Arizona Statewide Grievances October 2013
- ADC203043 - CONFIDENTIAL CAG FAQ PBMS Report FY14 - October 2013
- ADC203044-203050 - Corizon AZ Emergency Transports by Complex Oct 2013
- ADC203051-203060 - Corizon AZ Medication Report Oct 2013
- ADC203061-203062 - Corizon AZ Inpatient Admits Oct 2013
- ADC203297-CAG FAQ PBMS Report FY13 - June 2013
- ADC203348 - November 2013 Inmate Wait Times Report
- ADC203349 - CONFIDENTIAL November 2013 Dental Utilization-Statistics
- ADC203350 - CONFIDENTIAL November 2013 Dental Wait Time Reporting
- ADC203351 - November 2013 Hepatitis C Report
- ADC203352 - November 2013 Inmate Intakes by Complex


## Defendants' Expert Reports and Associated Productions

- Confidential Expert Report of John Dovgan
- Confidential Expert Report of Lawrence Mendel
- Confidential Expert Report of Joseph Penn
- Confidential Expert Report of Richard Seiter
- Defendants' Expert Materials, Volume 1, January 17, 2014
- Defendants' Expert Materials, Volume 2, January 17, 2014
- Defendants' Expert Materials, Volume 3, January 17, 2014
- Defendants' Expert Materials, Volume 4, January 17, 2014


## Disclosure Statements

- Defendants' $11^{\text {th }}$ Supplemental Disclosure Statement

Inmate Records from "Inmate Datasearch" webpage, 12/27/2013


## Interrogatories

- Defendant Charles Ryan's Responses to Plaintiff Robert Gamez's First Set of Interrogatories (Nos. 1-25)


## Miscellaneous

- Expert Report of Dr. Brie Williams
- ADC203027 - Arizona - Cert and Licensing Monthly Update October 2013
- ADC203063-203258 - Wells 2d Supp Resp - Rog 7
- ADC203259-203296 - Wells 2d Supp Resp - Rog 8
- ADC203353-203359 - Feraci Store Order History
- ADC_P000984 - ADC ID Badge re Suicide Warning Signs
- ADC_S000556-MHclassificationbyGenderDec9


## Named Plaintiffs' Records

- ADC203298-203347 - Licci Updated Medical Records
- ADC071794-919 - Swartz Medical Records, 2012-03 to 2013-02
- ADC122465-565 - Swartz Medical Records, 2013-03 to 2013-07
- ADC_M000195-000206 - Joshua Polson's ENT Records
- ADC_P000580-000858 - AIMS REPORTS - ALL NAMED PLAINTIFFS (CONFIDENTIAL)


## NCCHS Accreditation Reports

- ADC P000888-000901 - Douglas 20130628 Report
- ADC_P000902-000915 - Perryville 20130628 Report.
- ADC_P000916-000919 - Perryville 20131011 Update Report
- ADC_P000920-000933 - Phoenix 20130613 Report
- ADC_P000934-000950 - Tucson 20130628 Report
- ADC_P000951-000959 - Tucson 20131108 Update Report
- ADC_P000960-000964 - Winslow 20131119 Update Report
- ADC_P000965-000973 - Yuma NCCHC - 2011-03-11 - update report
- ADC_P000974-000976 - Douglas 20131119 Update report
- ADC_P000977-000979 - Perryville 20131118 Update report
- ADC_P000980-000983 - Phoenix 20131122 Update report


## Photos

- ADC165980-166048 - Florence - 2013-08-20 (redacted)
- ADC166049-166110-Lewis - 2013-08-21 (redacted)
- ADC166111-166173 - Perryville - 2013-08-19 (redacted)
- ADC166174-166183 - Perryville-Lumley - 2013-08-19 (redacted)
- ADC166184-166215-Tucson-2013-08-22 (redacted)


## Programs

- ADC P000859-000865 - Tucson HU-7 WIPP Time sheets
- ADC_P000866 - Eyman Special Mgmt Unit I Map as of 10-28-13
- ADC_P000867 - Eyman Mental Health Program Schedule
- ADC_P000882 - Eyman Weekend Recreation Schedule
- ADC_P000883-000886 - Phoenix-Baker - Introduction to Baker MH Program
- ADC_S000286-000291 - Central Unit Mental Health Programs \& Schedule


## Resumes

- ADC203360-203362 - Mark Jansen CV
- ADC203363-203364 - Mark Fleming CV
- ADC203365-203367 - Thomas Buenker CV
- ADC203368-203371 - William Smallwood CV


[^0]:    ${ }^{1}$ Mendel Report at 34-36.
    ${ }^{2}$ Seiter Report at 1-2.
    ${ }^{3}$ Mendel Report at 33.
    ${ }^{4}$ Mendel Report at 34.
    ${ }^{5}$ Williams Report at 16.
    ${ }^{6}$ Defendant Charles Ryan's Responses to Plaintiff Robert Gamez's First Set of Interrogatories, September 16, 2013, Interrogatory No. 2.

[^1]:    ${ }^{7}$ Ibid.
    ${ }^{8}$ Plaintiff Dustin Brislan's First Requests for Admissions and Defendants Ryan's Response Thereto, September 24, 2012, Requests No. 25, 26.
    ${ }^{9}$ According to the report of Richard Seiter, as of August 22, 2013, ADC had 121 prisoners sentenced to death, and 101 sentenced to life who had served less than two years. Seiter Report at 2 .

[^2]:    ${ }^{10}$ ADC P000632-33.
    ${ }^{11}$ ADC P000819-23.
    ${ }^{12}$ Berg HE, Eiken O, Miklavcic, L, Mekjavic, IB. Hip, Thigh and calf muscle atrophy and bone loss after 5-week bedrest inactivity. Eur J Appl Physiol. (2007) 99:283-289.
    ${ }^{13}$ Ferrando AA, Stuart CA, Sheffield-Moore M, Wolfe RR. Inactivity amplifies the catabolic response of skeletal muscle to cortisol. J Clin Endocriniol Metab 84:3515-3521, 1999. See also Knight J, Nigam Y, Jones A. Effects of bedrest 1-cardiovascular, respiratory and hematological system. Nursing Times; 105:21, 16-20 (2009).
    ${ }^{14}$ Cooper AR, Sebire S, Montgomery AA, et al. Sedentary time, breaks in sedentary time and metabolic variables in people with newly diagnosed type 2 diabetes. Diabetologia (2012) 55:589-599.
    ${ }^{15}$ Ibid.
    ${ }^{16}$ Steultjens MPM, Dekker J, Bijlsma JWJ. Avoidance of activity and disability in patients with osteoarthritis of the knee-The mediating role of muscle strength. Arthritis \& Rheumatism (2012). 46(7):1784-1788.

[^3]:    ${ }^{17}$ Centers for Disease Control and Prevention, "How Much Physical Activity Do Older Adults Need?", available at http://www.cdc.gov/physicalactivity/everyone/guidelines/olderadults.html. ${ }^{18}$ Hessert MJ, Gugliucci MR, Pierce HR. Functional fitness: maintaining or improving function for elders with chronic diseases. Fam Med 2005; 37(7): 472-476.
    ${ }^{19}$ Brennan P, Pescatello LS, Bohannon, RW, et al. Time spent moving is related to systolic blood pressure in older women. Prev Cardiol. 2005; 8:160-164.
    ${ }^{20}$ See Graf C. Functional decline in hospitalized older adults-It's often a consequence of hospitalization, but it doesn't have to be. AJN 2006 106(1): 58-67.
    ${ }^{21}$ National Osteoporosis Foundation, "Vitamin D and Bone Health," November 2010, available at http://nof.org/files/nof/public/content/file/218/upload/68.pdf.

